ENGINEERS' CLUB OF MINNEAPOLIS

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THE

ENGINEERS' CLUB

OF MINNEAPOLIS

1961 ROSTER

Member of

MINNESOTA FEDERATION OF

ENGINEERING SOCIETIES

MINNEAPOLIS COUNCIL OF CIVIC CLUBS

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The President's Page

2112609

The 60's have been given many descriptive adjectives such as "soaring", "sizzling", "successful" and others in anticipation of the many new things that can be expected in this decade. We, in the Engineer's Club, are indeed fortunate to witness these advances as they appear, and to learn much about them from the specialists who have spoken at our Friday noon luncheons. A great deal of credit must be given to Lee Humphrys and his program committee for the outstanding programs they have arranged.

Unlike one of my predecessors, I will freely make a prediction: These programs will continue to reflect the activities of the world about us and will continue to keep us informed of the events of the day, whether they be political, economic, or technical. Furthermore, with the continued participation by our members in our club, we will continue to grow and to help keep our members up-to-date and better informed.

Since the original group organized the club in 1883, many changes have occurred. The club, in the early days, was composed of a relatively militant group of engineers, vitally interested in getting one specific project or another underway and completed. Many of the projects materialized as a result of their efforts.

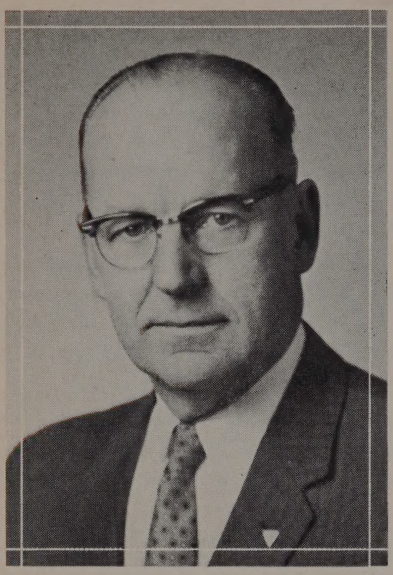
Today, with the many founder societies covering the bulk of these areas, the Engineer's Club of Minneapolis has assumed a new and important role. Our membership consisting of engineers from all branches of the profession no longer have the same degree of common professional interests held by the "old timers". The Engineer's Club provides several distinct services to the engineers of this area. One of the most important is the task of providing information on current events in the engineering field to keep us informed on the activities and accomplishments of the profession. In addition the engineer, whether he be electrical, mechanical, civil, or aeronautical is interested in knowing the other men in the profession in the area. These facilities are offered primarily thru the Friday luncheons, and are supplemented by the monthly inspection trips to various plants or projects in our community. Through these facilities, as well as the bowling league, Toastmasters organization, the picnic and our annual parties, we offer the opportunity to meet others in the club and to exend our acquaintanceship over the entire Engineering field.

A review of this Roster will disclose many interesting facts about our members. For instance, did you know that more registered engineers belong to our club than to any one chapter of the National Society of Professional Engineers in our area? We may have more than belong to any two of their chapters in this area. This does not cast aspersions on the professional organization in any sense. Indeed it compliments both groups. The men who are most active in engineering belong to both.

The honor and privilege of being president of this organization is one that I sincerely appreciate. I hope that I have been able to make contributions to the continued success of the club. However, any credit or accomplishment must be primarily given to the other officers, the Board of Directors, the Committee chairmen, and the Committee members. Their outstanding cooperation and acceptance of responsibility for the innumerable jobs to be done must be experienced to be appreciated.

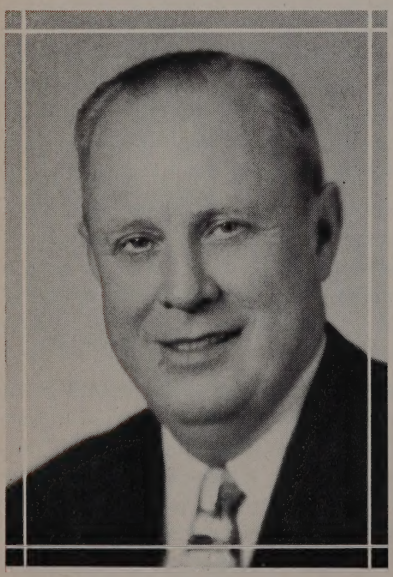
ROBERT A. BEVERIDGE,
President.

Officers 1960-1961

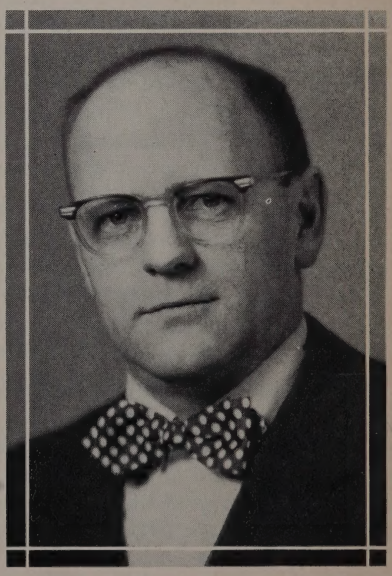


ROBERT A. BEVERIDGE
President

LEONARD W. CHRISTENSEN
Vice President



C. M. BIRCHER
Secretary



FREDERICK W. MEILE
Treasurer

The Engineers' Club of Minneapolis

OFFICERS, 1960 - 1961

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LEONARD W. CHRISTENSEN Vice-President
FRED W. MEILE.....Treasurer
CLIFFORD M. BIRCHER.....Secretary

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HERB N. SOMMER
OTTO R. WOODWARD
CLYDE A. RUSS
KENNETH W. PERSON

ENGINEERS' CLUB OFFICE
MISS POLZIN, SECRETARY
302 Wesley Temple Building
FEderal 9-2781

Past Presidents 1883 - 1959

*Andrew Rinker 1883
*William de la Barre.....1884
*Geo. W. Cooley.....1885
*D. P. Waters.....1886
*Geo. W. Sublette.....1887
*W. A. Pike.....1888-1892
*F. W. Cappelen.....1893-1896
*Frank J. Llewellyn.....1897
*F. W. Cappelen.....1898-1899
*Geo. W. Sublette.....1900
*W. W. Redfield.....1901
*Wm. R. Hoag.....1902
*H. B. Avery.....1904
*Edward P. Burch.....1905
James B. Gilman.....1906
*W. E. Stoopes.....1907
*L. S. Gillette.....1908
*Wm. P. Cowles.....1909
*Edwin H. Brown.....1910
*R. B. Fanning.....1911
*C. M. Overholt.....1912
*C. L. Pillsbury.....1913
*R. D. Thomas.....1914
*G. L. Wilson.....1915
*W. I. Gray.....1916
*E. H. Scofield.....1917
L. J. Birdsall.....1918-1919
A. C. Godward.....1920
F. T. Paul.....1921
W. H. Wheeler.....1922
*Wm. T. Ryan.....1923
*E. S. Macgowan.....1924
N. W. Elsberg.....1925
William F. Holman.....1926
I. Kvitrud.....1927
Chas. E. Doell.....1928
James A. Colvin.....1929
*A. D. Carpenter.....1930
J. H. Ravlin.....1931
M. D. Bell.....1932
G. E. Loughland.....1933
O. F. Moore.....1934
Thurber Day.....1935
S. C. Shipley.....1936
Thos. A. Stratton.....1937
Hal E. McWethy.....1938
C. R. Marshall.....1939
Harold C. Evarts.....1940
Geo. C. Priester.....1941
Don R. Loper.....1942
Howard Jacobson.....1943
Paul L. Covell.....1944
John K. Pike.....1945
Herbert E. Rhoades.....1946
*Charles A. Mann.....1947
Roy E. Gorgen.....1948
R. B. Scott.....1949
Horace H. Ratcliff.....1950-51
Edward F. Young.....1951-52
George H. Wade.....1952-53
Hugo G. Erickson.....1953-54
Ikel C. Benson.....1954-55
Harry G. Kaess.....1955-56
Donald E. Letson.....1956-57
Edwin A. Willson.....1957-58
*Harry S. Davis.....1958-59
Helge G. Olson.....1959-60

*Deceased

Past Engineers of the Year

THURBER DAY 1959-1960
*ELMER W. JOHNSON 1958-1959
*CHARLES L. PILLSBURY 1957-1958
ALVIN C. GODWARD 1956-1957
CHARLES E. DOELL 1955-1956
WALTER H. WHEELER 1954-1955
FREDERICK T. PAUL 1953-1954
WILLIAM F. HOLMAN 1952-1953
*ERNEST S. MACGOWAN 1951-1952

*Deceased

Life Members

Amos H. Abbott
George Abbot
Robert L. Acker
Edward H. Adams
John D. Akerman
Axel B. Algren
Clifford H. Anderson
George N. Anderson
Matthew A. Anderson
Wm. H. Bachelder
Andrew G. Barlett
M. Dwight Bell
Willard J. Bell
Russell H. Bennett
Rolf E. Bergford
A. E. Berthe
Lewis J. Birdsall
Gordon E. Bodien
Phil G. Bowman
Harry E. Brenchley
R. R. Brockway
W. E. Brooke
Otto E. Brownell
H. N. Bruce
John M. Bryant
R. E. Burlingame
A. J. Carlson
Ernest F. Carlson
Floyd E. Cates
Stanley S. Cederstrand
Walter M. Cederstrand
Henry Christopher
Howard S. Claybaugh
B. H. Clingerman
Leonard A. Cobb
James A. Colvin
E. H. Comstock
Leo H. Cooper
P. L. Covell
James H. Davidson
E. W. Davis
Thurber Day
Charles E. Doell
Ralph L. Dowdell
Walter E. Duckett
John R. DuPriest
Geo. A. DuToit, Jr.
Lester J. Eck
N. W. Elsberg
A. D. Emery
W. Endicott
E. H. Enger
Hugo G. Erickson
C. K. Erikstrup
Robert K. Erskine
O. E. Ertl
Harold C. Evarts
R. M. Finch
Harold C. Fiske
D. M. Forfar
D. C. Francis
Patrick J. Frawley
H. M. Frederickson
R. W. French
Richard D. Furber
J. Roscoe Furber
Oscar Gaarden
John W. Grant
Ira B. Garthus
Willis H. Gille
James B. Gilman
A. C. Godward
Wm. R. Goodwin
Roy E. Gorgen
Eric G. Gorgenson
A. Chas. Grant
E. F. Granzow
N. Kenneth Gullick
Paul H. Hake
W. H. Hale
Leslie L. Halliday
Archie Hamilton
Harold R. Harris
J. John Harris
Nathan Harris
Dan S. Helmick
Norman E. Hendrickson
Sanford Herberg
William Heritage
R. R. Herrmann
Truman Hibbard
H. A. Hildebrandt
Hibbert M. Hill
Willard H. Hinckley
W. F. Holman
Hans O. Holtan
Stanley C. Hunter
P. F. Huntington
R. A. Huston
E. T. Hutchinson
Ward H. Ingersoll
H. C. Jacobson
Oscar E. Jenson
Enan C. Johnson
L. V. Johnson
G. F Johnson
George R. Jones
Robert E. Jordan
Thomas L. Joseph
Neil S. Kingsley
Fred Klass
Arthur S. Krefting
John P. Kriechbaum
Michael J. Kroeger
Carl G. Kronmiller
T. Z. Krumm
J. H. Kuhlmann
Herman F. Kunitz
I. Kvitrud
Maurice B. Lagaard
Carl S. Lagerquist
Harold S. Langland
Eugene Larson
Paul A. Laurence
O. M. Leland
George R. Lewis
Robert D. Longyear
D. R. Loper
Geo. E. Loughland
Elmer H. Lund
Irvin C. Macgowan
G. R. Magney
Homer E. Malone
Douglas R. Manuel
Chester R. Marshall
J. Fred McCarthy
Roy H. McHardy
William D. McIlvaine, Jr
H. O. McMillan
Hal E. McWethy
Arthur F. Mellen
John H. Merriman
A. F. Meyer
Herbert W. Meyer
Kerwin L. Mick
John Mikulak
W. S. Milnor
John A. Miller
O. F. Moore
Karl Moulton
Clive T. Naugle
Clarence H. Nelson
Fritz H. Nelson
Richard L. Nelson
Arthur R. Nichols
Vernon R. Norman
Clifford S. Nyvall
Herman E. Olson
Arthur B. Osgood
Robert F. Pack
Stanley W. Palmer
Walter H. Parker
Orville J. Parks
David Furnan Parrott
Carl D. Parten
Frederick T. Paul
E R. T. Peterson
Otto J. Pfiefer, Jr.
H. J. Pierce
John K. Pike
E. M. Pinkerton
H. J. Pierce
Merton A. Pocock
Norman F. Podas
Geo. C. Priester
H. W. Randall
Horace H. Ratcliff
John H. Ravlin
Raymond X. Raymond
Charles C. Reif
B. J. Robertson
Parke D. Robinson
K. K. Roby
Martin Ronning
H. R. Rosendahl
Frank B. Rowley
R. M. Ryan
N. H. Sandberg
Paul M. Saxon
Theodore F. Schilling
Albert W. Schultz
Arthur O. Sebo
Hoyt A. Sevey
S. C. Shipley
Charles F. Shoop
Waldemar Sjoquist
Reubin F. Skarnes
K. J. Smith
Ralph H. Sprungman
Herbert H. Stevens
Harry A. Stock
Thomas A. Stratton
Lorenz G. Straub
George P. Svendsen
C. Walter Swanberg
Frank N. Swanstrom
D. Gilman Taylor
George W. Taylor
Paul W. Thayer
Wm. D. Timperley
M. E. Todd
William M. Trulander
August L. Untinen
Verne K. Viele
George H. Wade
Wm. L. Wadsworth
Harold H. Watson
H. R. Weyer
Walter H. Wheeler
C. C. Wilbur
Edwin A. Willson
O. F. Woodrich
Edward F. Young
Harold E. Young
L. P. Zimmerman

Half Century Club

Leo H. Cooper
Al Godward
James B. Gilman

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Charles A. Berger
Percy L. Boody
James J. Brennan
William H. Brown
Worthy W. Carrier
Donald M. Davidson
Harry S. Davis
William O. Dickinson
James Driscoll
Homer W. Forschner
A. L. Gholz
H. C. Hawkins
Roy J. Heidelberger
Chris B. Jensen
Edgar W. Johnson
Fred C. Kaufmann
Herbert I. LaSere
Sheldon B. Lee
Harry G. Morton
Kenneth A. Mousseau
Richard W. Robinson
Thomas P. Sawyer
A. B. J. Smith
Hollis B. Willeford
Otto S. Zelner

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Ikel G. Benson
Hugo G. Erickson
Harry G. Kaess
Donald E. Letson
John K. Pike
George H. Wade
Edwin A. Willson

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George W. Alexander
James H. Anderson
Michael H. Baker
John L. Bellin
Ray U. Bishop
James R. Carlson
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Warren L. Waleen
John L. Woodward
John K. Moorhead
John W. Hill
Gerald O. Stone

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Roger C. Saunders
George Yanagita
Arthur G. Jacobson
Leon C. Gadbois
Ralph J. Feldhaus
Harry E. Kurtze
Clyde A. Russ
Wm. D. Weidenbacher
Bruce A. Richard
Stanley Furber
Richard Tipley

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Robert L. Benson
James A. Carlson
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Ronald H. Clough
Howard C. Davis
Orvall S. Domholt
Ralph B. Dunnavan
Philip Fuller
Eugene J. Grassie
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Howard J. Hoody
Elton J. Jacobson
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William D. Latham
John H. Olson
Howard Plahn
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Hampden E. Tener
Howard O. Vaars
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Donald K. Younggren

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William T. Horner
Warren L. Waleen
George White

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C. Walter Swanberg

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Walter Wheeler
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Elden J. Welsh

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Felix H. Dhainin
Toivo Elo
Frank R. Hunter
Robert V. Jacobs
David R. Koski
Roger C. Saunders
Harry G. Sierk
Julien S. Stenehjem
Thomas P. Sutherland
Emmet C. Tumini

MINN. FEDERATION ENGR. SOCIETIES
Donald E. Letson, Rep.
Harry G. Kaess, Rep.
Helge G. Olson, Alt.
Edwin A. Willson, Alt.

ROSTER ADVERTISING
Edwin S. Dygert, Co.C.
Holland W. Phillips, Co.C.
Robert E. Nelson, P.C.
Robert L. Benson
Gilbert J. Grady
Charles F. Healy
J. David Johnson
Irving H. Johnson
Robert S. Preston
Robert E. Stewart
B. H. Smith Jr.

ROSTER
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Marvin C. Borell, Co.C.
Stephen A. Seman, V.C.
Malcom C. Carlson, P.C.
H. N. Bruce
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Arthur Kemppainen
S. K. Malek
Daniel J. Meaney Jr.
Marriam D. Olson
Dean M. Rand
Lawrence A. Samstad
Charles E. Shortley
Herbert H. Stevens
C. Walter Swanberg
George F. White
Leslie C. Weber
John W. Young

FINANCE
Otto R. Woodward, C.
Clyde A. Russ, V.C.
Robert G. Bruce

RESOLUTIONS
John H. Kuhlman, C.
Herb N. Sommer, V.C.
Robert K. Erskine

PUBLICATIONS
Herb N. Sommer, C.
Anthony W. Benkusky, V.C.
Kenneth W. Person

PROMOTION OF ENGR. EDUCATION
Wallace O. Carlson, C.
Evert H. Jernberg, V.C.
Milton C. Nelson

Report of the Treasurer

To The Finance Committee
The Engineers' Club of Minneapolis

The Treasurer submits the following report for the period August 1, 1959 to August 1, 1960.

Balance in the Banks August 1, 1959

N. W. National Bank	$ 201.99	
F & M Savings Bank — E. C.	2,604.50	
— F. D.	905.25	
Twin City Federal	1,099.58	
Total		$ 4,811.32
Minus Outstanding Checks @ August 1, 1959 (#1959)		—5.18
Total Bank Balance August 1, 1959		$ 4,806.14

Receipts

Operating			
Acct. A	Engineers' Club Dues	$ 7,491.00	
B	Entrance Fees	840.00	
C-1	Interest—Twin City Federal Club	42.51	
	F & M Savings Club	99.23	
-2	Interest—F & M Savings Federation	38.34	
E-1	Engineers' Club Pins	12.00	
-2	Christmas Party	307.45	
-3	Fall Party	—	
-4	Picnic	2.00	
-5	Winter-Spring Party	550.00	
-6	Student's Night	1,020.00	
-7	Golf Tournament	—	
-8	Committeeman's Stag	—	
-9	Other	—	
G	Program Committee	—	
H	House Committee	—	
Total Operating Receipts			$10,402.53
Non-Operating			
Acct. A-2	Federation Membership Dues	$ 1,955.25	
F	Roster Advertising and Income	3,031.50	
	Life Members Roster Donations	9.00	
Total Non-Operating Receipts			$ 4,995.75
Total Receipts			$15,398.28

Expenditures

Operating		
Acct. 3	Office Expense of Secy & Treas	$ 2,235.58
4	Expense of Delegates	200.00
5E-1	Engineers' Club Pins	—
-2	Christmas Party	766.51
-3	Fall Party	—
-4	Picnic	340.36
-5	Winter-Spring Party	572.14

EXPENDITURES (Cont.)

Operating (Cont.)				
Acct.	-6	Students Night	$ 941.85	
	-7	Golf Tournament	191.02	
	-8	Committeeman's Stag	158.00	
	-9	Other	50.00	
	-10	Get Acquainted Committee	140.05	
	-11	Membership Committee	—	
	6	Program Committee	—	
	-a	Direct Expense	227.50	
	-b	Notices	1,986.44	
	7	House	—	
	8-a	Roster Publication Club	2,107.65	
	9	Special Appropriations & Contingencies	395.01	
	10	Bank Charges	14.78	
Total Operating Expense				$10,326.89
Non-Operating				
	1	Federation Dues Paid '59	$ 985.50	
		'60	525.00	
	8-b	Roster Expense	3,040.50	
Total Non-Operating Expense				$ 4,551.00
Total Expenditures				$14,877.89
BANK BALANCE August 1, 1960				$ 5,326.53

BANK BALANCE SUMMARY

BALANCE IN BANKS August 1, 1960		
N. W. National Bank	$ (5.75)	
F & M Savings—E.C.	2,840.19	
F & M Savings—F.	1,350.00	
Twin City Federal	1,142.09	
TOTAL BANK BALANCE August 1, 1960		$ 5,326.53

Respectfully submitted,

FRED W. MEILE, *Treasurer*

The Minnesota Federation of Engineering Societies

Officers 1960 - 1961

Donald E. Letson.....President
Ralph B. Dunnavan.....1st Vice-President
Michael H. Baker.....2nd Vice-President
W. D. Webb.....3rd Vice-President
James Forchtner.....Sectary-Treasurer

Katherine A. Feucht, Executive Secretary
Sydney L. Devin, Editor
619 Guardian Building, St. Paul 1, Minn.
Telephone: CApital 2-3118

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Minnesota Federation of Engineering Societies

Prior to 1915 there were about eleven separate and distinct architectural and engineering organizations in Minnesota; some of these being chapters of the national societies. In 1915 a voluntary body was formed consisting of the presidents of six of these engineering societies which number was later increased to ten. This was known as the Minnesota Joint Engineering Board, and met once a month. This Board accomplished some valuable results but was greatly hampered by lack of funds and lack of power. Coincident with the operation of the Minnesota Joint Engineering Board, five of its ten member organizations were affiliated in publishing a monthly Bulletin.

Early in 1920 the Minnesota Chapter of the American Institute of Electrical Engineers held its summer meeting in Duluth and through the influence of Prof. F. W. Springer, other engineering organizations were invited to join with them in this meeting to discuss the desirability of effecting plans for a greater unity among all architects and engineers in the State. The Duluth meeting was an outstanding one and out of it grew the Minnesota Federation of Architectural and Engineering Societies. The first regular meeting of the Board of Directors was held May 21, 1921 and Adolph F. Meyer, president of the Minnesota Joint Board became the first President of the Federation. The first annual convention of the Federation was held in February 1922. *At the present time, the Minnesota Federation is comprised of twenty member societies with a membership of over 4,000 members.*

The Federation maintains contact with the members through the publication of *The Minnesota Engineer*; also the annual convention brings the members together at which time they can discuss inter-professional interests, legislative and other matters affecting the profession. The Directors and the various committees of the Federation help to join and unify the efforts of the Member Societies in matters of statewide interest.

It was through the efforts of the Federation that the Registration Law was passed in 1921. Attempts were made at each subsequent session of the Legislature to strengthen the law by the addition of certain amendments making registration compulsory but it was not until 1933 that the law was changed. In 1944 the Federation endorsed the amendments prepared and sponsored by the Minnesota Association of Professional Engineers, which became a part of the Law in 1945.

Much work has been done by the Directors and Federation committees on numerous problems of interest to the engineering profession, such as Great Lakes Waterways, the utilization of lignite and peat in the state, forest fire prevention, reforestation, the metric system, industrial lighting code, highway lighting, the standardization of specifications, the establishment of a highway testing laboratory, appointment of an engineer on the State Board of Health, border lake levels, low grade iron mining, State Civil Service, advisory aid to the State Draft Boards, and engineering representation on the University Board of Regents. The Federation assisted in the preparation and passage of legislation for city planning and zoning enabling acts.

The employment service for engineers, which was begun in 1932, has developed into one of the major activities of the Federation Office. This service is available without cost to employers and members of the Federation. During 1950 an additional service of the Federation to its members was inaugurated in the form of a noncancellable Accident and Sickness Insurance available at special low rates to the members of the Federation group.

Through the activities of its officers and members and actions of its Board of Directors, the Engineers Club of Minneapolis has always believed in, and tried its best to promote, a strong Federation as the best and most democratic means of providing real state-wide representation of the Engineering Profession and so to encourage its growing importance and solidarity of interests and actions.

Engineer of the Year

HAL E. McWETHY

Professional Engineer

In recent years, the role of the engineer in our society has been noticeably advancing to a position of greater authority and responsibility in its service to mankind. The Engineers' Club of Minneapolis recognizes and honors a member of its organization who has played a contributing part in this advancement.

Mr. Hal E. McWethy became a member of the Club in 1928 and ten years later was elected to the office of President. During his term of office in 1938, it is significant to note that under his leadership the Club held its first "Students' Night" meeting in which the Club played host to the graduating seniors of the Institute of Technology at the University of Minnesota. This then became an annual event of our Club. Because of this and other leadership activities which he has performed for our Club and for the engineering profession as a whole, he was selected as our "Engineer of the Year".

A native of northern Wisconsin where he received his elementary education, Hal is a graduate of the high school at Bloomer, Wisconsin. Following a year of college preparatory work at the Wisconsin Academy at Madison, he entered the University of Wisconsin and graduated from the College of Engineering in 1909. Later that year, he was employed by the Westinghouse Electric and Manufacturing Company in East Pittsburg, Pennsylvania. At the Public Service Commission of Wisconsin in 1911, he served in the valuation and rate departments, involving the evaluation and rate analysis of electric, telephone and street railway utility systems.

He continued in this field with assignments in Nashville, Tennessee and Philadelphia, Pennsylvania and later in 1922, became Street Railway Engineer with the Railroad and Warehouse Commission of Minnesota. This was followed by a long period of service as valuation engineer of the Twin City Rapid Transit Company and as an engineering consultant in the field of public utility rate regulation and valuation.

Mr. McWethy is a life member of the American Institute of Electrical Engineers and is a registered Professional Engineer of Minnesota. He has been honored by a number of organizations for his dedicated work in the organization of Professional Engineers and has received many citations for this work. In addition to being a Past President of our Club, he is a Past President of the Minnesota Federation of Engineering Societies; the Minneapolis Chapter, M.A.P.E.; and Minnesota Society of Professional Engineers. He is now the Historian for the Minnesota Federation and his findings are published monthly in its magazine, "The Minnesota Engineer".

Typifying his interest in other activities he is a Past President of the Geological Society of Minnesota and the Ramsey County Historical Society.

Over the years, Hal frequently relates his experiences in interests such as skiing, scouting, camping, geology, politics, civic and neighborhood affairs. He is a member of the St. Anthony Park Congregational Church.

Mr. McWethy and his wife Josephine, reside at 2174 Doswell Avenue in St. Anthony Park, St. Paul. Like most grandparents, his pride and joy are his grandchildren, Janet and Jim.

History of The Engineers' Club of Minneapolis

The profession of engineering, to me is the highest profession in the world; an engineer comes nearer to being a creator than any other man in the world."
—James J. Hill at our meeting of January 10, 1908.

ANY attempt to compass the history of seventy-six years of our club in an article of reasonable length can only consider the outstanding features of its growth and progress. The most eminent fact impressed upon one after reading the entire record of its activities is that these engineers have constantly shown the highest desire to serve their fellow members and advance the interests of their community, their state, their nation and their fellowmen.

To those who have gone before, we express our debt of gratitude; to those who labor now we extend our support; and for those who are to take up the burden in the future we pray courage, wisdom and a sane outlook on life and all that it implies.

Chronological Review

Brightly the spring sun shone on the little city of Minneapolis. The long cold winter with its heavy snow was a memory but for the ruts in the street which bore mute witness to the spring "break-up". At the hitching rails stood teams of horses with wagons of various kinds and many a horse and buggy. The wooden sidewalks, much worn and showing innumerable marks from the sharp calks of the lumberjacks' boots were creaking under the tread of the afternoon crowd which eddied about the business center at Hennepin and Washington. Slow-moving drays, rattling light express wagons and smart pleasure rigs moved in the street. That fourth of May in 1883 was a busy time in the growing little city.

A letter had gone out to thirty engineers calling a meeting for May 4 at the "Board of Trade Room" in the old City Hall. The American Society of Civil Engineers was to hold its national convention in June and the local engineers felt bound to do their part in showing the visitors "such engineering works as would be of interest", to quote the words of the minutes of the meeting of May 11. Two lines at the end of that little letter of April 30, 1883 were to start a society of engineers which would wax and wane with the years but grow in importance with the development of the country.

That the sixteen men who met that night were active and earnest is proven in that having disposed of the matter of assisting in entertaining the A. S. C. E. they "discussed somewhat fully" the "subject of forming a local engineers club" and immediately elected a President and would have elected other officers had not some one reminded them "that no organization had been effected". So a committee was ordered to prepare a constitution to be presented at the next meeting.

1883 On May 11 this first constitution was adopted "article by article" and then "as a whole" and "The Engineers Club of Minnesota" became a fact. Not the least of the duties of the "Government" of the Club was to provide "literary exercises" at the meetings. A week later By-Laws were adopted and an election held making Andrew Rinker, President, William de la Barre, Vice-President, William A. Pike, Secretary and Treasurer and George O. Foss, Librarian.

The "record" reveals that a committee and sub-committees were appointed June 8, to show members of the A. S. C. E. "various engineering features" but there is nothing to tell just what was done. That what they did was appreciated is shown September 14, when a resolution of thanks from the Secretary of the A. S. C. E. was read, but had we today an account of those inspection trips how much it would reveal!

The first paper was presented July 13 by Mr. de la Barre on "The Manufacture of Wrought Iron Pipe" and illustrated by crayon drawings. "Considerable time was spent in its discussion."

Two papers were presented at the meeting on September 14, and a committee appointed to "look for club rooms". They had voted to subscribe for "periodicals" and wanted a headquarters in which to have them available to all. Papers were presented each month and the matter of their publication was "discussed but no action taken."

Meetings were held in October and in November it was voted to levy an assessment of $3.00 per member "to pay running expenses". Nothing comes down to us as to how the previous expenses had been met.

1884 At the meeting January 18, 1884 an "Annual Report of the Government of the Club" was read, reciting its history and accomplishments and stating it occupied the rooms of the Minnesota Academy of Natural Sciences. There were 22 members, the club had $89.50 cash on hand, had collected $119.00 and spent $3.00 for a record book, $6.50 for printing and postals, and $20.00 for printing the Constitution. It owed $20.00 for two months rent of its rooms but had $52.00 due for initiation fees and assessments. The enthusiasm of Mr. de la Barre was shown by his suggestion that two meetings a month might be held. The constitutional provision that five members constitute a quorum was fortunate, for only that number attended.

At an adjourned meeting January 25, Mr. de la Barre was elected President and the force of his leadership shows in the number of meetings held. The June and July meetings failed of a quorum which is not strange as those were stirring times and most of the members were out of town, as is noted in the minutes for September and October.

Two engineering magazines offered their pages to the Club for their records and papers. A notable paper was presented by Professor Pike on "Strengths of Various Materials" based on his own experiments at the University.

Led by their desire for a periodical of their own the Club in May, 1884, voted to join the "Association of Engineering Societies" which published a monthly "Journal" and the result of this action was to keep them in financial hot water for many years. In December a room was rented and furnished and, no periodicals having as yet been subscribed for, various members lent theirs. The list is illuminating on the technology of the time: Scientific American, The Sanitary Engineer, The London Engineer, The American Engineer, American Machinists and Mechanics.

The complete Club History from 1885 on is found in all Rosters for about 25 consecutive years prior to 1959. The 30 pages of History covering 75 years will either be condensed for future printing, or issued in a separate folder for those who desire same, as the repeated printing of it each year is not considered worth the cost at the present time.

1958-59 Freeways, the steel and bus strike, space exploration, professional football and basketball, the compact car, Duluth's seaway, the jet airliner, etc., made conversation in our City during the year. The City downtown area was "budding" with new buildings, such as, the new Library Bulding, First National Bank Buildings, Federal Office Building and the State Employment Security Building. The exterior of the City Hall-Courthouse Building was sandblasted for the first time since it was built in 1891, bringing out the natural pink color of its Ortonville granite. Because of the lower loop development program, such landmarks as Schieks Cafe, Palace Building, Phoenix Building and the

Metropolitan Building were destined for demolition. The Dayton Company in conjunction with the Radisson Hotel completed the construction of a deluxe parking ramp.

Weekly meetings held at the Curtis Hotel on Friday noons were as follows: "Satellites" by Dr. E. P. Ney, University of Minn.; "Quemoy and Matsu" by Congressman Walter A. Judd; "Canada and the Jet Age" by Ross Smyth of Montreal, Canada; "Inflation" by Dr. Arthur Upgren, Macalester College; "The World This Minute" by George Grim, Mpls. Star & Tribune; "Athletics" by Paul Giel, formerly U. of M.; "Railroading" by A. W. Schroeder, President of Mpls. & St. Louis Railroad; "3M" by Ward M. Hanson of Minnesota Mining & Mfg. Co.; University of Minnesota Athletics by Dick Enroth of WCCO; "U.S.S.R." by George Sedard, Travel Expert; "Urban Renewal" by Robt. T. Jorvig, Minneapolis Housing Authority; "People" by Harry A. Stuhldreher of U. S. Steel (former member of the 4 Horsemen of N.D.); "Lenten Season" by Dr. Sidney Rand, Lutheran Seminary; "Creative Climate" by Joe Mason, Director of BBDO; "The Electrical Wheel" by R. G. Letourneau, President of his Company (M.F.E.S. Conv.); "Legislature" by Fred A. Cina, Representative State of Minnesota; "Minnesota Business" by Elmer L. Anderson, President of H. B. Fuller Co.; "Electronics and Automation" by Raymond C. Miles of Airborn Inst. Lab., Mineola, N. Y.

The Evening meetings each month were as follows: Committeemen's Stag, Inspection trips to Prestressed Conc. Inc., and WCCO-TV; Annual Fall Party; Inspection trip to I.B.M. Corp. at Rochester, Minnesota (99 men filled three chartered buses); Inspection trip to McCulloch Corp. (formerly Scott-Atwater, and Prof. John Kuhlman won an outboard motor); Winter Party; Engineers' Club Family Picnic; Inter-City Golf Tournament with St. Paul Engineers' Society. The annual Students' Night at the U. of M. was an outstanding event as the speaker was Walter Feldman, President of Worthington Corp., Harrison, N. J. Arrangements for this program were made with the U. of M. Contact Committee headed by the late Dean Elmer W. Johnson. At the Past Presidents' night, Edwin A. Wilson was initiated. Life members and Bowlers were recognized, and City Engineer Gordon E. Bodien spoke on "City Problems".

The weekly and monthly meetings were well attended. The Program Committee under the able direction of its chairman, Ken Person, selected programs of high interest and appeal to the membership.

Harry S. Davis, President, welcomed a large audience to the 23rd Annual Christmas program, which was held in the beautiful Prudential Insurance Building auditorium. Their chorus, directed by Bob Mantzke, entertained with a fine program. The chorus accompanist was Gerry Johnson. T. N. Tatters, popular TV character, amused the children and R. G. Williamson was Santa Claus. C. W. Swanberg led the audience in "Silent Night", accompanied by Leonard Christensen. The children enjoyed a sleigh ride prior to the program. Anthony Benkusky was narrator and Gil Grady was chairman.

At the annual election in May, Helge Olson was elected President, Robert Beveridge elected Vice President. Following the election, we heard Cyril N. Hoyler of RCA Laboratory, Princeton, N. J., speak and demonstrate "Electronics in Solids, Space & Sound" at the Radisson Hotel in a combined meeting with the First all Federation Assembly.

1959-60 The Washington Senators (Prof. Baseball) Team moved into the Bloomington Metropolitan Stadium and became the "Minnesota Twins" and the "Millers" are now the Minneapolis Prof. Hockey Team. The "Vikings" became the new Minnesota entry in Prof. Football. The famous "Lakers" prof. basketball team has moved to Los Angeles, California. Lower Loop is being cleared of old buildings in downtown Mpls.; this denotes the constant growth of our city. The new Mpls. Library, with its planetarium, has been working overtime to take care of the large attendance, it is a real asset to our city. The Univ. of Minn. Football Team, coached by Murray Warmath, lead the "Gophers" to

a tie with Iowa for the Big-Ten Championship, but lost to Washington in the Rose Bowl on January 2, 1961. Dr. O. Meredith Wilson was chosen as the new president of the Univ. of Minn. to replace Dr. J. L. Morrill, who retired.

Friday Noon Luncheons at the Curtis Hotel were as follows: "Satellites" by Dr. R. Hermann, Univ. of Minn.; "Naval Research" by Dr. A. R. Dawe, U.S.N; Basketball" by Lakers Coach, J. Castellani; "Frontiers" by Dr. F. Larson, Mpls.-Honeywell; "Levecar" by D. J. Jay, Ford Motor Co.; "Engineers Foreign Challenge" by the late L. A. Watson, Maico, Inc.; "Feeding Husbands" was the Ladies' Day topic by Dr. J. R. Fox; "Politics" by W. H. Lucas, General Electric Co.; "Oceanography" by Dr. A. F. Spilhaus, Univ. of Minn.; "Labor" by C. D. Peterson, State Congressman; "IGY" by Dr. Willard, Univ. of Minn.; "Underwater Photography" by H. M. Hill, Northern States Power Co.; "Poland" by J. Formo, Mpls.-Honeywell; "Iceland" by V. Bjornson, Minn. State Treas.; "Aviation" by F. N. Bottomer, North Central Airlines; "Stratosphere" by P. F. Stephenson, N. W. Bell Telephone Co.; "U.S.A.F. Academy" by Dr. B. E. Lippincott, Colonel AFR, Univ. of Minn.; "Selling America" by C. Arps, Allis Chalmers; "Whaling" by K. Halley, Archer Daniels Midland; "USA in 1975" by R. J. Anderson, Battelle Memorial Inst. of Ohio; "Pricing" by D. K. Blake of General Electric, Schenectady; "Baseball" by H. Goodnough of Milwaukee Braves.

Evening meetings were as follows: Inspection Trip of Mpls.-Moline, at which its Vice President M. E. Carroll was the principal speaker. Inspection Trip at Northern States Power Co. Computer Center at which J. Kee and A. Montgomery were the principal speakers. The most amazing Inspection Trip was held Saturday morning, January 23, 1960, at which 5 bus loads had breakfast with their sons at a cafe in N.E. Minneapolis and traveled to the Bethel Nike Missile Base and simultaneously 5 bus loads met at a cafe at Tonka Bay and traveled to the Nike Site at St. Bonifacius. Needless to say it was most interesting, including the Dog Team Demonstration. This attendance of 400 was the largest in 5 years. Students' Nite at the University of Minnesota was well attended and E. W. Bernitt, Vice President of American Motors was the speaker.

Suzan B. Anthony Jr. High School was the scene of our 24th Annual Christmas Party with sleigh Ride for the children which was followed by a program featuring the Southwest High School Accappela Choir directed by O. B. Dahle. Carol singing was led by C. W. Swanberg & Accompanied by L. W. Christensen, R. G. Williamson was Santa Claus and the narrator was masterfully done by John Kojis. Dennis Malmberg was the accordianist & Bob Benson was chairman of the event.

* * * * * * * *

Since the Roster has changed its coverage to the calendar year, rather than the July fiscal year in concordance with our elections, the history of events from July 1, 1960 to January 1, 1961 are included as follows:

In September we had an inspection trip at the outstanding St. Anthony Falls Hydraulic Laboratory, operated by the Univ. of Minn. Dr. Lorenz G. Straub was the speaker. In October we traveled by bus to the new Great Northern Oil Co. plant at Pine Bend, and the program followed at the Southview Golf Club. November Inspection Trip was the immense plant of the Mpls. Star and Tribune. Noon luncheons were as follows: "Listening" by Dr. G. Shapiro, Univ. of Minn.; "Medicine in Space Travel" by Dr. V. R. Zarling, Univ. of Minn.; "Power" by L. J. Linde, Allis Chalmers; "Research" by W. C. Norris, Control Date Corp.; "Brainwash" by George Grim, Mpls. Star & Tribune; "Africa" by Dr. J. H. Furbay, Air World Education, this was outstanding; "Christmas" by Mrs. R. C. Cargill at Ladies' Day; "Cuba" by J. C. Vesely, Attorney. The 25th Annual Christmas Program was held at Coffman Memorial Union on the Univ. of Minn. Campus. We were entertained by the Mpls.-Honeywell Choral and Dramatic groups who did a fine performance. Skeates Langley played the accordian, Ted Larson was narrator, Chet Engquist led the Carol Singing, R. G. Williamson was Santa, and Les M. Oare was Chairman of the event.

Each year our Club has participated in the Minn. Federation of Engineering Societies convention and for the past six years we have had an entry in their Queen Contest. We hope to have a winner in some of these future events.

C. W. Swanberg, Historian

The Toastmasters Group of the
Engineers' Club of Minneapolis

Standing left to right: Al Hassinger, Jim Adamson, Fred Ohnsorg, John Worrell, Ev Dale, Ted Larson, Tenny Lode, Tony Benhusky, Bill Heritage, Ken Smith. Seated left to right: Ike Benson, Bob Pearson, Jim Carlson, Stu Peterson, Bill Schaumberg, Ray Bishop.

OFFICERS

President ..... James R. Carlson
Educational: Vice-Pres. ..... Ray U. Bishop
Administrative: Vice-Pres. ..... Stuart R. Peterson
Secretary ..... Robert L. Pearson
Treasurer ..... William C. Schaumberg
Sergeant-at-Arms ..... Robert J. Mathys

MEMBERS

James D. Adamson
A. W. Benhusky
Ikel C. Benson
Ray U. Bishop
James R. Carlson
Len Christensen
Everett H. Dale
Dean A. Glick
Allan K. Hammell
Allan E. Hassinger
William Heritage
John Kojis
Arney Landy, Jr.
Ted E. Larsen
George Long
Tenny Lode
James C. Lund
Robert J. Matthys
Ferdinand R. Ohnsorg
Helge G. Olson
Samuel O. Pace
Robert L. Pearson
Stuart R. Peterson
Kenneth R. Phelps
Floyd D. Raasch
Wm. H. Schaumberg
Ken J. Smith
Wm. C. Sproull
Joe M. Syme
James T. Utne
Donald A. Vivian
E. C. Ward
Reggis M. Williamson
John D. Worrell

Toastmasters meet each Tuesday from 6:15 p.m. to 8:15 p.m. at the Curtis Hotel. During the meeting exercises are held giving members the opportunity to learn the fundamentals of parliamentary and business procedures. A prescribed course in basic training for speech improvement is followed. The material for the course and additional assistance to the club and its members is provided by Toastmasters International.

The organization is based on the principle of mutual help and benefit. Everyone has the opportunity to join in the fun for the evening. Certainly there is not a more pleasant or entertaining way to learn to express one's self—clearly, concisely and convincingly.

Engineers' Toastmasters Club was chartered February 14, 1941, and during the intervening years, many of the Engineers' Club members have taken part in speech training. Guests are welcome at any meeting and a special invitation is extended to any Engineers' Club member that may wish to join this organization.

The Bowling League

Standing left to right: Carlson, Stewart, Houch, Weden, Woodward, Woodman, Hammerstrom, Letson, Fuller, Gilster, Eide, Edelmann, Robb, Patz, Calvin, Forkey, Cole, Doerr. Seated left to right: Younger, Jacobson, Hoag, Manson, Wade, Gadbois, Hill, Wuestnech, Harvey, Jordan, Benzick, Hinners, Carson, Dygert, Pollock, Shields, Erskine.

The 1959-1960 bowling season came to an end of March 21, 1960, with the Pipes the big money winners, closely followed by the Motors. The Chains were the winners of the first half and the Motors came out ahead the last half. The Chains took the play-off.

A doubles tournament was run off the same night as the play-off and Russ and Nabben were the winners.

Following are the individual averages:

1.	Kraus	21	176	16.	Younger	39	153	31.	Johnson	66	147
2.	Manson	75	175	17.	Russ	54	153	32.	Robb	72	146
3.	Bellin	81	174	18.	Fuller	57	152	33.	Eide	24	144
4.	Wuestneck	84	171	19.	Pinkney	63	152	34.	Hill	78	144
5.	Carpenter	66	169	20.	Gadbois	83	151	35.	Hauck	60	143
6.	Hammerstrom	81	167	21.	Marquard	72	150	36.	Hinners	75	142
7.	Benzick	78	164	22.	Dygert	78	150	37.	Carson	75	141
8.	Forkey	65	161	23.	Hoag	74	150	38.	Kaufmann	21	140
9.	Weidenbacher	75	160	24.	Shields	66	149	39.	Letson	57	137
10.	Mateffy	77	155	25.	Stewart	63	148	40.	Pollock	55	135
11.	Nist	17	156	26.	Gilster	45	148	41.	Cole	66	133
12.	Doerr	72	155	27.	Nabben	51	148	42.	Wade	84	132
13.	Jacobson	75	154	28.	Preston	63	148	43.	Weden	75	126
14.	Harvey	51	154	29.	Woodman	81	147				
15.	Kuhlmann	84	153	30.	Anderson	48	147				

On April 4th we all journeyed to the Park Terrace for a sumptuous repast, after which the prize money was distributed and cards indulged. I don't know if some of the boys were minus their prize money when they went home or not. The following officers were elected for the next season: Bill Gilster, President, Professor Kuhlmann, Vice-President, and Bob Jordan, Secy.-Treas.

The league welcomes any Club member who would like to bowl either as a regular or as a substitute.

Bob Jordan, *Secretary*

Code of Ethics for Engineers

Adopted April 16, 1923

Engineering work has become an increasingly important factor in the progress of civilization and in the welfare of the community. The Engineering Profession is held responsible for the planning, construction and operation of such work and is entitled to the position and authority which will enable it to discharge this responsibility and to render effective service to humanity.

That the dignity of their chosen profession may be maintained, it is the duty of all engineers to conduct themselves according to the principles of the following Code of Ethics:

1. The Engineer will carry on his professional work in a spirit of fairness to employees and contractors, fidelity to clients and employers, loyalty to his country and devotion to high ideals of courtesy and personal honor.
2. He will refrain from associating himself with or allowing the use of his name by an enterprise of questionable character.
3. He will advise only in a dignified manner, being careful to avoid misleading statements.
4. He will regard as confidential any information obtained by him as to the business affairs and technical methods or processes of a client or employer.
5. He will inform a client or employer of any business connections, interests or affiliations which might influence his judgment or impair the disinterested quality of his services.
6. He will refrain from using any improper or questionable methods of soliciting professional work and will decline to pay or to accept commissions for securing such work.
7. He will accept compensation, financial and otherwise, for a particular service, from one source only, except with the knowledge and consent of all interested parties.
8. He will not use unfair means to win professional advancement or to injure the chances of another engineer to secure and hold employment.
9. He will co-operate in upbuilding the Engineering Profession by exchanging general information and experience with his fellow engineers and students of engineering and also by contributing the work of engineering societies, schools of applied science and the technical press.
10. *He will interest himself in the public welfare in behalf of which he will be ready to apply his special knowledge, skill and training for the use and benefit of mankind.*

CONSTITUTION

THE ENGINEERS' CLUB OF MINNEAPOLIS

Adopted June 15th, 1883

Amended to "Present Date"

ARTICLE I

NAME AND PURPOSE

1. **Name**—The name of this organization shall be The Engineers' Club of Minneapolis.

2. **Purposes**—The purposes of the Club shall be to create united action, a feeling of brotherhood, and a desire for mutual betterment of the members of the engineering profession in Minneapolis and vicinity; to stimulate a greater interest among engineers in the welfare of the community, state and nation; to assist in the solution of public questions involving engineering and allied sciences, to promote advancement of the arts and sciences connected with engineering; and to encourage social intercourse among the members of the Club.

3. **Means**—The Engineers' Club of Minneapolis may, for the accomplishment of the purposes named, adopt articles of incorporation and by-laws; affiliate with other organizations as provided in Article IX; maintain club rooms, club houses, buildings and grounds in connection therewith and shall hold technical and social meetings.

The Club may derive its income and property from entrance fees, membership dues, assessments, gifts, bequests, rentals and receipts from entertainments, concessions, donations, subscriptions and publications. All income and property of whatever kind or nature shall be used solely for Club purposes and not for gain or profit. Club funds may however be placed in savings banks as ordered by the Board of Directors and in investments as ordered by the Board upon recommendation of the Finance Committee as provided in the By-laws, Article III, Section 2.

ARTICLE II

MEMBERSHIP

1. **Eligibility**—Any person professionally engaged in engineering, architecture or applied science, or who is interested in the advancement thereof, and who is qualified as required in this article and the by-laws, is eligible to membership.

2. **Classes**—The membership of the Club shall be classified as resident members, non-resident members, life members and honorary members. Only resident members and life members shall be entitled to vote and hold office.

3. **Resident Member**—A resident member shall be one other than life member or honorary member, as more fully defined in the by-laws.

4. **Non-Resident Member**—A non-resident member shall be one, other than life member or honorary member, as more fully defined in the by-laws.

5. **Life Member**—A life member shall be one who has been a resident or non-resident member for a total period of not less than twenty-five consecutive years and who is without money indebtedness to the Club. He shall be exempt from all further dues and assessments.

6. **Honorary Member**—An honorary member shall be an engineer, architect or scientist of acknowledged pre-eminence in his profession. The number of honorary members shall be limited as defined in the by-laws and they shall be exempt from all dues and assessments.

7. **Application**—An application for admission to resident membership or non-resident membership shall be made in such form as may be prescribed in the by-laws or by the Board. It shall bear the signature of the applicant and the endorsement signatures of two members in good standing who are personally acquainted with the applicant and who vouch for his eligibility. The application shall at least set forth the name of the applicant in full, the date and place of his birth, the institutions at which he was educated, the course taken, the degrees received, the nature and extent of his professional experience, and his present business and address. It shall also contain a promise by the applicant that if elected to membership, he will comply with the Constitution and By-laws of the Club. The entrance fee as specified in the by-laws, shall accompany the application.

8. **Classification**—The Board of Directors shall consider applications presented in due form and classify the applicants in accordance with the provisions of this Article.

9. **Election**—An application for membership shall be referred to the Membership Committee which shall consider the qualifications as stated or found on further examination and make recommendation to the Board. A vote of the Board shall then be taken and if two-thirds of the Board members present vote favorably, the applicant shall be declared elected.

A resident or non-resident member shall automatically become a life member upon due notice to the Board by the Secretary that such person is eligible for life membership as provided in Section 5 of this Article. The Board shall then declare such person elected to life membership.

A proposal to confer honorary membership must be signed by five or more resident members, who are not members of the Board, stating their reasons for making such proposal and expressing the opinion that the person named therein would accept such membership if elected. The proposal shall be submitted to and be duly considered by the Board and if approved unanimously by the Board it shall be referred to the resident and life members by letter ballot. An affirmative vote of two-thirds of the ballots cast shall be necessary for election.

10. **Notification**—Every applicant who is elected to membership shall be notified by the Secretary and supplied with a copy of the Constitution and By-Laws.

If an applicant fails to be elected, the Secretary shall so notify him in the prescribed form set forth in the by-laws and his entrance fee shall be returned to him.

Announcement of the names of newly elected members shall be made by the presiding officer at the next meeting of the Club. No announcements of non-election shall be made.

11. **Rejected Application**—No further application shall be received from one who has been rejected, within one year from the date of such rejection.

12. **Date**—Membership shall become effective and date from the time of his election. The Secretary, in advising the member of his election, shall enclose a statement for current dues.

13. **Membership Cards**—The Secretary shall mail to each member, a duly executed membership card upon payment of each year's dues. He shall also issue to life members duly-executed life membership cards.

ARTICLE III

RECLASSIFICATION, RESIGNATION AND EXPULSION

1. **Re-Classification of Membership**—The Secretary shall recommend to the Board of Directors the transfer of a member to his proper classification in accordance with Article II upon notice of change of member's status. Upon approval by a majority vote by the Board, he shall make a pro rata adjustment of dues of such member on a quarterly basis

2. **Resignation**—Any member in good standing may withdraw from the Club by sending his written resignation to the Secretary, who shall present the same to the Board, whereupon, if the member's dues for the current year have been paid or the resignation has been received within thirty days after the beginning of the year, the Board shall accept the resignation and the Secretary shall notify the member of the action of the Board.

3. **Expulsion**—Upon written request of five members, not members of the Board, that, for cause stated, any member may be expelled, the Board shall consider such request and if it deems such action advisable shall notify him that his resignation will be accepted; he shall, however, have the right to demand and receive a copy of the charges against him and shall be allowed thirty days in which to present a written defense to the Board. The Board shall then pass finally upon the matter, and if resignation has not been tendered and accepted or a satisfactory defense made, may by an affirmative vote of two-thirds of the Board, expel the member in which case the Secretary shall notify him of such action.

ARTICLE IV

OFFICERS AND GOVERNMENT

1. **Officers**—The officers of the Club shall be a President, a Vice-President, a Secretary, and a Treasurer.

2. **President**—The President shall preside at all meetings of the Board and of all business meetings of the Club; see that the provisions of this Constitution, the By-laws and such rules and regulations as may be adopted by the Board are rigidly enforced; call such meetings as are herein provided to be called by him; have general supervision over all affairs of the Club; and at the annual meeting make a report of the activities and general concerns of the Club for the term of his office.

The President shall be an ex-officio member, without vote, of all standing committees which committee chairmen shall be appointed by him and presented to the Board for ratification.

The President shall sign with the Treasurer all checks issued for payment of bills, and shall sign with the Secretary all contracts, bonds and other instruments in writing which shall have been first approved by the Board.

3. **Vice-President** — The Vice-President in the absence or disability of the president shall assume and execute all the duties of the President. In addition if present, he shall preside at all social meetings of the Club.

4. **Secretary**—The Secretary shall keep accurate records of all proceedings of the Club and of the Board. He shall issue all notices to members of the Club and shall conduct the official correspondence. He shall receive all papers and reports read before the Club, as soon as read, and file the same for the use of the Publication Committee.

The Secretary shall keep the books of account, showing the standing of each member, the receipts of money from all sources, and the items of authorized expenditures. He shall issue to members statements for fees and dues at proper times and shall receipt for the same. He shall report to the Board, as may be required upon the membership and business of the Club, and shall make an annual report to the Board at its regular meeting in May.

5. **Treasurer**—The Treasurer shall receive all monies belonging to the Club and shall deposit in the name of the Club its funds and securities with the bank or banks designated by the Board. He shall notify the Secretary in writing of all monies received. He shall make disbursements under the direction of the Board upon receipt of warrants signed by the Chairman of the Finance Committee, all checks to be countersigned by the President. He shall submit a statement of his accounts with proper vouchers whenever required by the Board. At the May meeting of the Board, he shall present an annual report and financial statement as of the last day of April, certified to by the members of the Finance Committee.

The Treasurer shall pay all bills of $5.00 (five dollars) or more by check. Bills amounting to less than $5.00 (five dollars), may be paid from a petty-cash fund which the Board may designate for such purpose.

6. **Board of Directors**—The President, Vice-President, the last resident Past President and nine elected Directors shall constitute the Board of Directors in which Board the government of the Club shall be vested. The Board shall be the Trustees of the Club under the laws of the State of Minnesota. The Secretary and the Treasurer shall be elected annually by the Board at its first meeting.

The Board shall have the power to appoint, direct, dismiss and prescribe the duties and fix the wages and salaries of all employees of the Club; to grant salaries to the Secretary and the Treasurer and fix the amounts thereof; to fix and remit penalties for violation of rules; to remit dues and other indebtedness to the Club and to reinstate those who have been expelled or dropped from membership, such action to require a two-thirds vote of the board members present; and to exercise such other powers as may be necessary and are not specifically prohibited by this Constitution or By-laws.

7. **Bond**—The Secretary and the Treasurer shall be bonded in such amounts as shall be determined by the Board in an approved bond indemnity company at the expense of the Club.

ARTICLE V

COMMITTEES

1. **Standing Committee**—Standing Committees of the Club shall be as follows: Finance, Publications, Resolutions, Roster, Dues, Membership, Program, House Committees, and such other standing committees as may be provided in the By-laws. All standing committees shall continue throughout the elective year and until others are duly appointed and accepted.

2. **Special Committees**—Special Committees may be appointed and their duties defined as the Club or Board may deem necessary.

ARTICLE VI

MEETINGS

1. **Directors' Meetings**—The Board of Directors shall meet regularly once a month, at the call of the President, or at such time as the Board may designate. Notice of regular meetings shall be mailed by the Secretary to all members of the Board at least three days before each meeting. Special meetings may be called at the request of the President, Vice-President, or any two members of the Board, upon notice given to each member at least twenty-four hours before the time appointed therefor. Seven members shall constitute a quorum.

2. **Club and Social Meetings**—Stated Club meetings shall be held as prescribed in the By-laws. Social meetings shall be short noon meetings during which little, if any, Club business is carried on.

3. **Quorum**—A majority of Members present in good standing shall constitute a quorum for the transaction of business at all meetings of the Club, but not less than nine members in good standing.

4. **Annual Meetings**—The annual meetings of the Club shall be held near the end of each fiscal year as prescribed in the By-laws at which meetings the officers and members of the Board for the ensuing year shall be elected as provided in Article VII and annual reports shall be presented by the President, the chairman of all standing committees and such special committees as the President shall direct.

5. **Special Meetings**—Special meetings of the Club may be called at any time by the President or on order of the Board and shall be so called by the President or Secretary provided that at least twenty members of the Club unite in a written request to the Board to call a meeting, which request shall fully outline the reason therefor. No business matter not mentioned in the call shall be considered at a special meeting.

6. **Notice of Meetings**—Notice of all regular and special meetings of the Club shall be mailed to the last known address of each member at least four days prior to such meeting, stating the principal matters to come before the Club at such meetings.

7. **Parliamentary Order**—The latest edition of Robert's "Rules of Order" shall be the Parliamentary standard of the Club on all points not provided for in this constitution.

ARTICLE VII

ELECTION AND TERMS OF OFFICE

1. At the annual meeting, after the Nominating Committee has duly met and reported to the Club as prescribed in the By-laws, opportunity shall be given by the presiding officer for additional nominations from the floor for each and every office after which the nominations shall be duly closed. The members at this meeting shall then proceed to elect by ballot, from the list of nominees the incoming officers and directors for their respective terms more fully prescribed in the By-laws. A majority of votes cast shall elect and in case of a tie vote for election, a re-ballot on the tied names shall be taken. No member may hold more than one elective office at one time. Th President or presiding officer shall announce to the meeting the results of the elections by stating only the names of the winners for the respective offices.

2. **Terms of Office**—The terms of office shall begin immediately after the close of the annual meeting. The President and Vice President shall be elected for a term of one year only or until their successors are elected. Three directors shall be elected each year to serve for a term of three years or until their successors are elected.

The Past President named in Article IV, Section 6, shall retain his seat on the Board for a period of one year or until his successor qualifies.

The President, Vice-President and nine elective Directors shall not be eligible to succeed themselves in office with the exception that a President or Vice-President who takes office February 1 or after shall be eligible for re-election.

3. **Vacancies**—If at any time the office of President shall become vacant, the Vice-President shall succeed to that office. All other vacancies in the Board of Directors except Past President shall be filled by election by the Board. Two nominees for the vacated office of the Vice-President shall be nominated by a committee consisting of 5 voting members in good standing to be appointed within 1 week by the new President. The nominating committee will report within 2 weeks to the Board of Directors at a regular or special Board meeting with a request for authorization for a mailed notice to the general membership of an election at a specified meeting to be held within 30 days from the date of the appointment of the nominating committee.

This mailed notice shall be sent by first class mail not less than 7 calendar days prior to the election meeting. The election shall be conducted as specified in the By-laws.

If both President and Vice-President are absent from a meeting of the Club or Board, the immediate past-president shall preside. If the said three presidents are absent, the members present shall select a member to act in place of such officer pro tempore. In the absence of the Secretary, the presiding officer shall appoint a Secretary pro-tempore.

4. **Removal from Office or from the Board of Directors**—On the written petition of not less than 30 voting members in good standing, charges may be preferred against any officer or member of the Board of Directors. The charges shall be presented in writing at a regular meeting, after which, having been furnished with a copy of the charges by the Secretary, the accused shall be allowed an opportunity for his defense at a special meeting, the time and place of which shall be determined by the members at the regular meeting at which the charges are preferred.

At the close of the taking of the evidence in support of and against the charges so made, the meeting shall resolve itself into executive session from which the accused shall be excluded. All voting shall be by ballot. Upon the affirmative vote of two-thirds of the members present and voting, the accused shall be removed from office.

ARTICLE VIII

FEES, DUES AND ASSESSMENTS

1. **Fees and Dues**—Entrance fees and annual dues may be fixed from time to time by the Board as required by the financial condition of the Club and as prescribed in the By-laws.

2. **Assessments**—Assessments may not be levied except by unanimous vote of the Board followed by a favorable majority vote of all members voting by letter ballot.

ARTICLE IX

AFFILIATION

1. **Affiliation**—By a majority vote at a regular meeting, the Club may consider affiliation with or membership in any organization whose object is the advancement of engineering or the betterment of the status of engineers. Action toward any such affiliation may be proposed at any regular or special meeting, and after full discussion a favorable vote shall set the matter for final action at the next regular or special meeting. Such affiliation shall take effect immediately following its adoption. Representative to the board of such organization shall be elected by the Board of Directors of the Club and shall make reports on the affairs of the affiliated organization at such times as the Board may designate.

ARTICLE X

AMENDMENT OF CONSTITUTION

1. **Notice and Ballot**—Any proposed amendment to this constitution must be presented in writing, signed by three or more voting members, at a regular meeting. It may then be discussed and amended and shall afterward be submitted in its final form to all voting members by letter ballot to be opened and counted at a regular meeting not less than 20 days after mailing the ballots. An affirmative vote of two-thirds of all legal ballots cast shall be necessary for adoption of any amendment.

2. **When in effect**—Any amendment to this constitution shall take effect immediately following its adoption.

THE

ENGINEERS' CLUB

OF MINNEAPOLIS

1962 ROSTER

The President's Page

The Engineers' Club of Minneapolis is one of the finest, strongest, and best functioning organizations in the entire northwest. I am humbly grateful to have the privilege and distinct honor of being elected pesident of this outstanding engineering group.

What makes this position a real pleasure is also what makes this a strong club — and that is the excellent enthusiastic support given by each of the chairmen and their committees. Each man tries to do an outstanding job creating inspiration for others, giving all members of the Club activities and meetings of the highest caliber well worth a members time to attend.

If during the year you hear, or hear of any outstanding programs be sure to indicate them on your reservation card. Also if you know a fellow Engineer who may want the benefits the Engineers' Club has to offer please have him fill in an application blank.

Our weekly and monthly programs are second to none to keep you abreast of technical as well as nontechnical subjects. They cover such broad interests as science and engineering research, personal improvement, space activities and forecast, international affairs, taxes, civil problems and sports. The speakers on these subjects are tops in their field. The Engineers' Clubs special programs and social events give you and your family extra advantages of fine sociability with your fellow engineers.

The Engineers' Club has a very active bowling league which many enjoy. If you like to bowl please consider joining this league — you will enjoy it. The Engineers' Club Toastmasters 185 is your opportunity to improve your speaking ability with fellow engineers. Toastmasters 185 meets every Tuesday evening at 6:15 at the Curtis Hotel. Visitors are very welcome. Why don't you stop by some evening.

The Engineers' Club roster is nationally known. It is one of our pride and joys. This year the unexpected delays in getting this fine roster printed afforded us an opportunity to provide for the first time a two year roster. Since it got so late in the year your Board of Directors recommended that this should be the time to try the two year roster as a money saving project. This, therefore, will be on a trial basis only at this time. Your comments would be appreciated to help future officers decide if this two year roster idea should be continued.

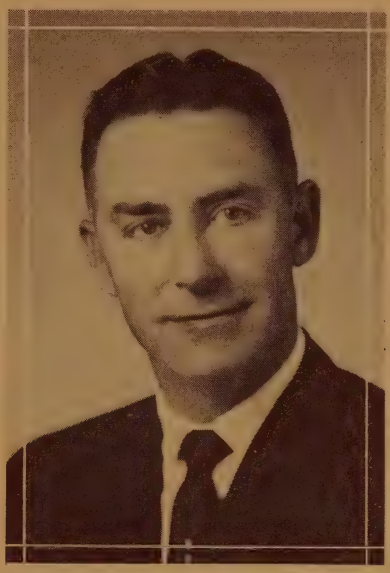
1961-62 will be the 79th year of the Engineers' Club of Minneapolis. Let us look forward to the future of our Club, our country, and our entire world by creating in ourselves and those around us a mental and emotional climate of friendliness and good will that makes our life a joyous happy adventure. In spite of new highs in competition in our business world with new unnatural situation of a high volume of business at reduced prices and resulting lower profits, we can with service, enthusiasm, understanding, creativeness and appreciation of our customers and business friends, attain new highs for the future.

I am looking forward to the coming year in working with the Board of Directors, Chairman and committee men, to I hope to see new highs in the growth and achievements of our Engineers' Club of Minneapolis.

L. W. CHRISTENSEN
President

Officers 1961-1962

LEONARD W. CHRISTENSEN
President



CHARLES F. HEALY
Vice President

OFFICERS, 1961 - 1962

LEONARD W. CHRISTENSEN....President
CHARLES F. HEALY.....Vice President
FRED W. MEILE.....Treasurer
CLIFFORD M. BIRCHER.....Secretary

BOARD OF DIRECTORS

ROBERT A. BEVERIDGE
LEONARD W. CHRISTENSEN
CHARLES F. HEALY
JOHN H. KUHLMAN
RAY E. KULLBERG
KENNETH W. PERSON
ANTHONY W. BENKUSKY
ROBERT G. BRUCE
ROBERT K. ERSKINE
RAY U. BISHOP
LEE M. HUMPHRYS
HENRY A. JENSEN

Friday Noon Luncheons At The Curtis Hotel Were As Follows:

"Cuba" by J. C. Vesely; "Pop-Up Barrier for Aircraft" by V. Larson, Engr., Reasearch, Inc.; "Sewage Disposal of the Metropolitan Area", by L. Mick, Engr., Sanitary District; "Thermoelectricity", Ed Abel, 3M Co.; "Germany", W. U. Hauser, Attorney, Consul for Republic of Germany; "Project Mercury", J. O'Neill, Engr., Test Pilot for Minneapolis-Honeywell; "The Air Force", Wm. R. Stewart, Captain, Air Force Reserve; "Architects for a Better World", Dr. D. F. Berkley, Dir. of Ed. Placement, Univ. of Indiana, at MFES Convention; "Engineers and Continuing Education", Dr. F. M. Boody, U. of M.; "Human Relations", Honorable J. L. Donovan, Minn. Secretary of State; "The Minneapolis Story", history of Minneapolis, film; "Your Income Tax", W. G. Burkman, Minn. Commissioner of Taxation; "A Crash Program", J. J. Ryan, Engr. Prof., U. of M.; "Epoxy Resins", W. L. Minarik, H. B. Fuller Co.; "Minnesota Twins", Thomas Mee, Public Relations Dir.

Evening Meetings Were As Follows:

Inspection Trip, Pako Corporation, Golden Valley; Annual Winter Party, Dinner and Dance. Calhoun Beach Hotel; "Patents-Trademarks-Copyrights" and Past Presidents' Program. Panel discussion with Ikel Benson, John Woodward, Stuart Peterson, and William Braddock; "Students' Night", Coffman Memorial Union, U. of M. Commander George F. Moran, U.S.N., subject, "Engineering the Polaris Missile"; Third Annual Spring Banquet, M. F. of E., "Where are we Heading" by Dr. P. C. Goldmark, President, CBS Research Laboratories, Stamford, Conn.; Inspection Trip, North Central Lightweight Aggregate Co., Minneapolis. C. Swanson, Engr., was the speaker; Annual Club Family Picnic. Lake Nokomis Picnic Grounds; 1961 Engineers' Club Golf Tournament, Golden Valley Country Club.

C. W. Swanberg, Historian

because greater Minneapolis goes first-class . . . with gas

The Minneapolis region is gas-conditioned: no soot, no smog, no smoke, no fog because the natural gas flame burns cleanly.

Some Minneapolitans express their appreciation of the sparkling, heady delights of the air by spending most of their spare time just breathing (it's a great place to relax.)

Others, galvanized by its tonic qualities, dash off to nearby lakes to tussle with hulking walleye and northern pike (there are panfish for the faint of heart.) Still others prefer the cool depths of ferny forest in summer, game trails or shooting fields in fall.

For the overcivilized, there are dozens of rolling, velvety golf courses. And, of course, Minnesota is literally the home of winter sports.

Come soon — it's a great place to visit, a great place to live, a great place to do business.

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Minnegasco MINNEAPOLIS GAS COMPANY
8th and Marquette • Southdale • Robbinsdale

Membership Roster

LEGEND:

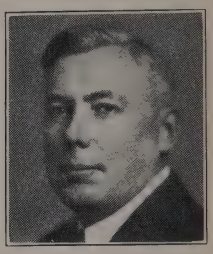
[1929]—Year of Election to Membership.

[R]—Registered Engineer or Architect in the State of Minnesota.

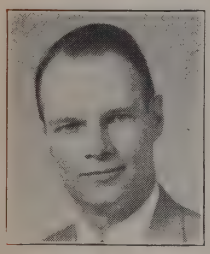
State is shown only for location other than Minnesota.

Abbreviations explained on last page.

ABBOT, GEO.—3260 Gray St., Denver 12, Colo. Retired. [R] [1929]



ABBOTT, AMOS H., — 4808 Highland Road, Hopkins, We. 8-4243. Retired. [1929]



ABBOTT, ROBERT K.—4214 Alden Drive, Mpls. 16, Morningside, Wa. 6-6314; N. W. Bell Tel., Bldg.-Engr., 224 S. 5th St., Mpls. 2, FE 2-4112. [R] [1956]

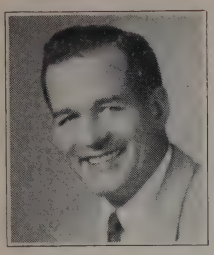
ACKER, ROBERT L.,—2810 Portland Ave., Apt. 101, Minneapolis 7, Minn. TA 7-3276. Retired [R] [1927]

ADAMEK, FRANK A. — 4905 Dupont Ave. S., Mpls. 9, Ta. 4-0991; Babcock & Wilcox Co., Salesman, 948 N. W. Bank Bldg., Fe. 6-1641. [1953]

ADAMS, EDWARD H. — 41 E. San Miguel Dr., Chula Vista, Calif. Retired. [R] [1929]

ADAMS, FREDERICK G. — Box 179, Rte. 4, Wayzata; Gr. 7-2598; Remington Rand Univac, Mech. Engr., 2750 West 7th Blvd., St. Paul 16, Mi. 8-2451 Ext. 540. [1947]

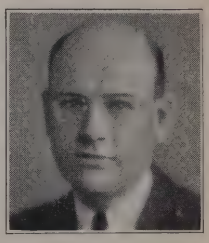
AIKEN, MYLES F.—1849 Tatum St., St. Paul 13, Mi. 4-3693; N. W. Bell Tel. Co., 224 S. 5th St., Mpls. 2, Spec. Studies Engr., Fe. 4-6374. [1956]



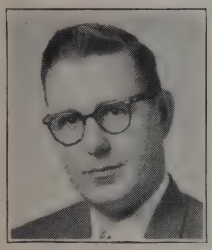
AINSLIE, JAMES A.—4629 Tower St., Mpls. 24, Wa. 6-6848; The Klass Co., Inc., Sec.-Treas., 814 S. 9th St., Mpls. 4, Fe. 8-8427. [1957]

AKERMAN, JOHN D. — 51 Clarence Ave., Mpls. 14, Fr. 1-1553; Univ. of Minn., Prof. Engr. and Director of Rosemount Aeronautical Laboratories, Mpls. 14, Fe. 2-8158. [R] [1930]

ALBRECHT, ERNEST G. — 5133 35th Ave. S., Mpls. 17, Pa. 4-4575; Northwestern Bell Tel. Co., Inductive Coordination Engr., 224 S. 5th St., Mpls. 2, Fe. 2-4112. [R] [1947]



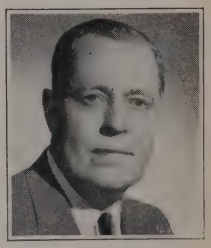
ALDERSON, A. DONALD—4407 Branson St., Mpls. 24, Morningside, Wa. 2-7517; Soo Line R.R., Ass't. to Ch. Engr., Rm. 1520, Soo Line Bldg., Mpls. 2, Fe. 2-1261. [R] [1937]



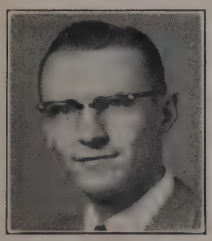
ALEXANDER, GEO. WM.—6300 Sheridan Ave. S., Mpls. 23, Un. 6-6151; General Electric Co., Application Engr., 12 S. 6th St., Mpls. 2; Fe. 8-6771. [R Illinois] [1956]

ALGREN, AXEL B. — 5542 Park Ave. S., Mpls. 17, Ta. 3-2986; U. of M. Prof. Mech. Engr., Mpls. 17, Fe. 2-8158. [R] [1926]

ALLEN, ROBERT E.—601 North Shore Blvd. Burlington, Ontario, Canada; Canadian Refractories Ltd., Dist. Sales Mgr., Box 68, Hamilton, Ontario, Canada; Jr. 7-4585. [1938]



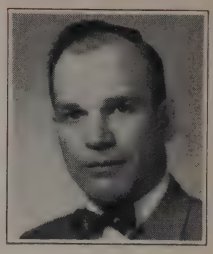
ANDERSEN, HARRY E. — 2766 W. River Rd., Mpls. 6, Pa. 4-3842; N. W. Service Station Equip. Co., President, 2520 Nicollet Ave., Ta. 5-6802. [1951]



ANDERSON, ALLAN N.—7333 Garfield Ave. S., Mpls., 23, Un. 9-9085; Pioneer Power, Inc., V. P., 570 Hatch Ave., St. Paul, Hu. 8-5561. [R] [1953]

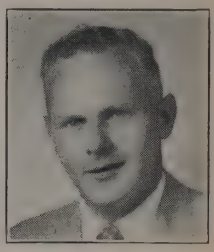
ANDERSON, ARTHUR L.—5044 13th Ave. S., Mpls. 17, Ta. 5-7346; Minn. Hwy. Dept. Civil Engr. State Hwy. Bldg. St. Paul 1, Minn. Ca. 2-3013 Ext. 3177 [R]

ANDERSON, CLIFFORD H.—2388 W. Lake of the Isles Blvd., Mpls. 5, Fr. 7-6455; Crown Iron Works Co., Pres., 1229 Tyler St. N. E., Mpls. 13, St. 9-3556. [R] [1929]



ANDERSON, ELMER A. — 3345 Kyle Ave. N., Mpls. 22, Ju. 8-2831; American Bridge Co., Contracting Eng.,629 2nd St. S. E., Mpls. 14, Fe. 3-4358. [R] [Neb.] [1955]

ANDERSON, GEORGE N. — Box 304, Rte. 5, Wayzata, Minn., Gr. 1-9540; Remington Rand Univac, Engr., 640 N. Prior, St. Paul. Mi. 5-8511, Ext. 213. [R] [1931]



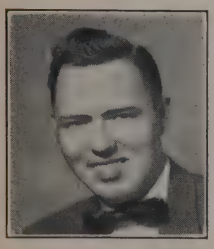
ANDERSON, JAMES HARRY — 420 East Layman Lane, Mpls. 20, Tu. 1-5256. Asst. Chief Engr. Mpls. Gas Co., Eighth & Marquette, 2, Fe. 2-5133. [1956]

ANDERSON, LEWIS K.—Rt. 5 Box 55, Excelsior, Minn., Gr. 4-7230; Northwestern Bell Tel. Co., Div. Exch. Main. Supv., 224 S. 5th St., Mpls. 2, Fe. 2-4112. [R] [1946]

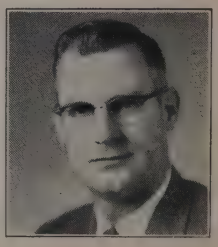
ANDERSON, MATTHEW A. — 8730-20th Ave. S., Mpls. 20, Tu. 1-9456; Northern States Power Co., Supv. Construction Costs, 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1932]

RAY S. ANDERSON — Rte. 2, Box 306, Wayzata, Gr. 3-9379; E. J. Longyear Co. Sales Engr., 76 South 8th St., Mpls. 2, Fe. 9-7631. [1960]

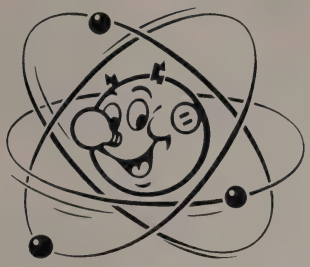
ANDERSON, ROBERT O.—5824 Halifax Ave. S., Mpls. 24, Wa. 6-4962; Alton M. Johnson Co., Salesman, 3119 Lynn Ave. S., Mpls. 16, Wa. 7-8741. [1952]



ANDERSON, WARREN D.—4057 Utica Ave. S., Mpls. 16, Wa. 6-5629; W. D. Anderson Sales Co., Owner, P. O. Box 8023, Miracle Mile Branch, Mpls. 16, Wa. 6-5629 [1953]



ANDREWS, WENDELL W.—6015 Westbrook Rd., Mpls. 22, LI 5-1705; Armco Drainage & Metal Products, Inc., Railroad Sales Engr., 4345 Lyndale Ave. No., Mpls. 12, JA 1-3506. [1959]



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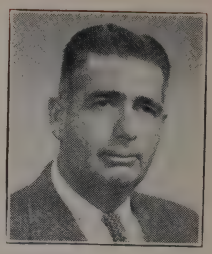
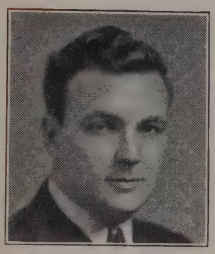
ANGLAND, DENNIS W. — 3145 Quail Ave. N., Mpls. 22, Ju. 8-8320; System Planning Engr., Northern St. Pwr., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1955]



ANKENMANN, JOHN W. — 1169 8th Ave., Rte. 3, Seward, Neb., Hughes Bros., Inc., Sales Mgr., Seward, Neb. Phone 6188 [1945]



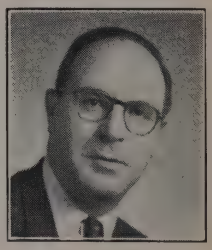
ARMSTRONG, DANIEL A. — 113 So. Orchard, Thiensville, Wis. Ch. 2-1096; Kiekhaefer Corp., Chf. Engr., 157 Western Ave., Cedarburg, Wis., Dr. 7-4200 Ext. 205. [1940]

AVERY, ELMER E.—4533 York Ave. S., Mpls. 10, Wa. 2-1169. Retired. [1943]

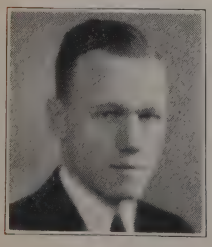
BABCOCK, ELKANAH A.—5421 Woodlawn Blvd., Mpls. 17, Pa. 2-6437; City of Mpls. Engr. Dept., Engr., 203 City Hall, Mpls. 15, Fe. 2-1116. [R] [1952]

BACH, GERRY H. — 6301 S. Knoll Drive, Mpls. 24, We. 8-3194; General Electronic Control, Inc. & Minnesota Engineering Co. Div. Pres., 8001 Bloomington Freeway, Mpls., Tu. 8-5511. [R III.] [1957]

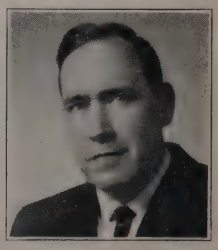
BACHELDER, WM. H. — Stillwater, Minn., Rt. 2, Mo. 3-5636, State Hwy. Dept., Aggr. Engr., Capitol Approach, St. Paul 1, Ca. 2-3013 Ext. 3170. [R] [1926]



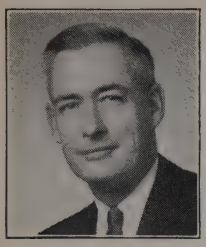
BAKER, MICHAEL H. — 2012 Girard Ave. S., Mpls. 5, Fr. 7-5456. M. H. Baker Co. President, 109 Portland Ave. Mpls. 1, Fe. 8-6903 [R] [1959]



BAKER, WILLIAM L.—2832 Yosemite Ave. S., St. Louis Park 16, Minn., We. 9-5705; Baker Iron Co., Sec., 1420 S. 7th St., Mpls. 4, Fe. 5-5011. [1937]



BARNES, TRACY W. — Rt. 2, Box 303, Wayzata, Gr. 3-5558; The Pillsbury Co., Asst. Dir. of Engr., 608 2nd Ave. So., Mpls. 2, Fe. 3-4151. [1960]

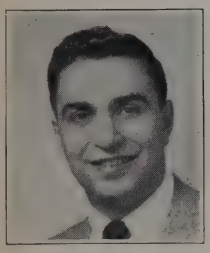


BARNUM, WILLIAM M.—5608 Code Ave., Mpls. 24, We. 9-4120. Northern States Power Co. Chief Testing Eng. 1518 Chestnut St. N., Mpls. 3, Fe. 8-7792 Ext. 133. [1959]

BARRITT, GARRY W.—1943 Morgan Ave., St. Paul 16, Mi. 8-1121. N.W. Bell Tele. Co., Eng. 710 McKnight Building 1, Fe. 4-6622. [1959]

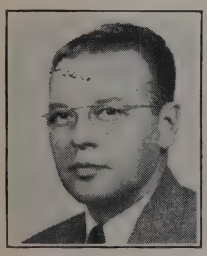
BARTLETT, ANDREW G.—Whispering Pines, Cross Lake, Minn., P. O. 141, Phone 2958, Retired. [1935]

BARTZ, MARCUS E. — 5808 Brook Drive, Mpls. 24, We. 9-0708; General Elect. Co., Serv. Spec. Component Prod. 12 So. 6th St., Mpls. 2, Fe. 8-6771. Illinois. [R] [1960]



BASIL, HENRY J.—7017 Bristol Blvd. Mpls. 24, Edina, Wa. 6-0382; Electric Machinery Mfg. Co., Elec. Engr., 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751. [1950]

BASS, JASON P.—6008 Clinton Ave. S., Mpls. 19, Un. 9-2303; St. Paul Bar & Restaurant Equip. Co. Mgr. Contract Dept., 655 Payne Ave., St. Paul. Ca. 2-6339. [1945]



BAYERS, DONALD R.—5829 S. Colfax Ave., Mpls. 19, Ta. 3-8343; Bon Bayers Eng. Co. Owner, 200 Upper Midwest Bldg., Mpls. 1, Fe. 2-0709. [1946]

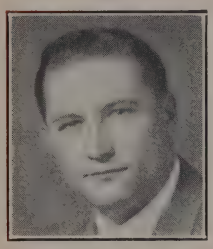
BEACH, JOHN M.—5200 Halifax Ave., Mpls. 24, Edina, Wa. 6-9793; Northwestern Bell Tel. Co., Bldg. & Equip. Planning Engr., 224 S. Fifth St., Mpls. 2, Fe. 4-6279. [R] [1944]

BEAVER, BASIL A.—4308 Morningside Rd., Mpls. 16, Wa. 2-7513; Gray Co., Inc., Chf. Engr., 60 11th Ave. N. E., Mpls. 13, Fe. 6-9331. [1940]

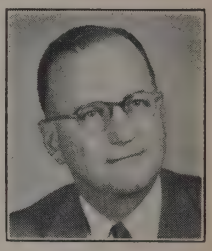
BECKMAN, ARNOLD E.—12900 Co. Co. Rd. No. 60, Hopkins, Minn., We. 8-4767; Arnold Beckman Co., Owner, 12900 Co. Rd. No. 60, Hopkins, Minn., We. 8-4767. [1932]

BEINHORN, PAUL—462 Otis, St. P. 4, Mi. 4-7441; J. L. Shiely Co., Vice Pres., 1101 N. Snelling Ave., St. P. 13, Mi. 6-8601. [1953]

BELL, M. DWIGHT — 5233 Chowen Ave. S., Mpls. 10, Wa. 2-3385; M. Dwight Bell, Consulting Engr., [R] [1919]



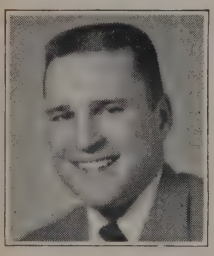
BELL, RAYMOND F.—6909 38th Ave. N., Mpls. 27, Crystal Village, Ke. 7-6796. E. J. Longyear Co., Supervisor. 76 S. 8th St., Mpls. 2, Fe. 9-7631. [1953]



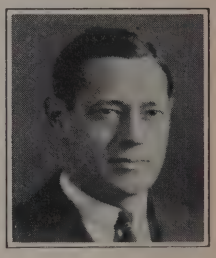
BELL, WILLARD J.—1355 W. Iowa, St. P. 13, Mi. 6-5461; Wallace & Tiernan, Inc., Division Mgr., 3983 Zarthan, Mpls. 16, We. 9-8521. [1934]

BELLIN, JOHN L. — 5320 James Ave. S., Mpls. 19, Wa. 2-6441; Andrews Inc., 529 So. 7th St., Mpls. 15, Fe. 2-8405 [1942]

BEMIS, WALTER E. — 11224 Minnetonka Blvd., Mpls. 26, We. 5-2014; W. E. Bemis Co., Owner, 1645 Hennepin Ave., Mpls. 3, Fe. 8-4684. [1950]

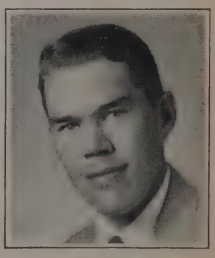


BENKUSKY, ANTHONY W. — 8911 Stanlen Rd., Mpls. 26, Li. 5-7689, Northern States Power Co., Engr., 15 S. 5th St., Mpls. 2, FE 8-7792. [R] [1957]

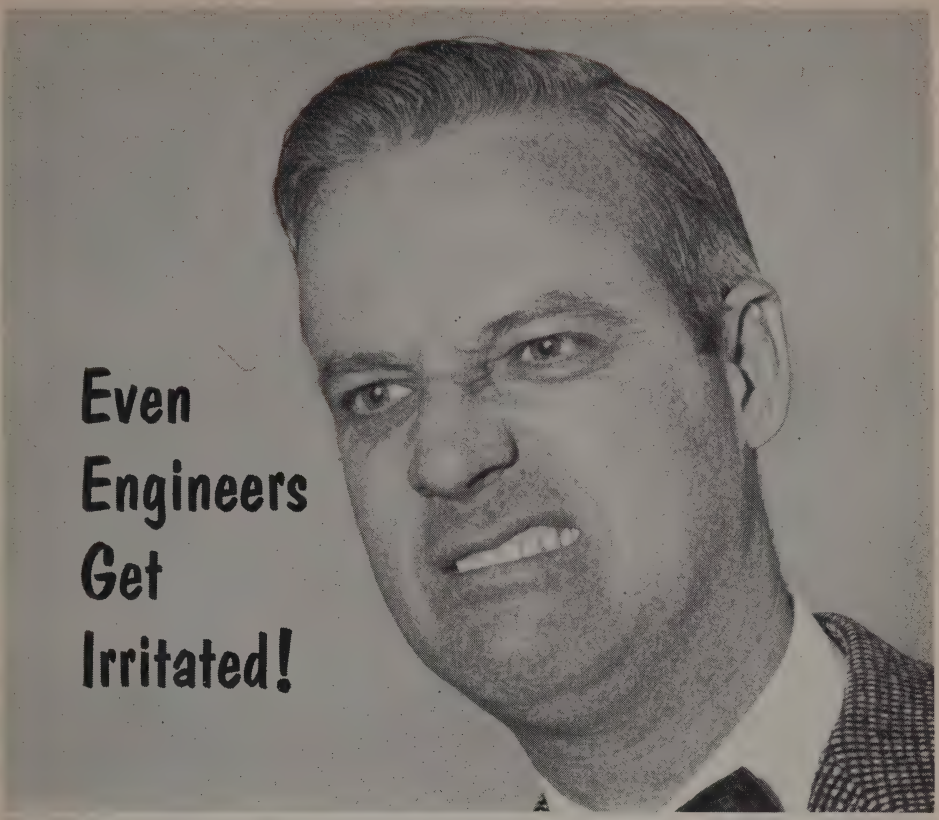


BENNETT, RUSSELL H. — 2217 E. Lake of Isles Blvd., Mpls. 5, Fr. 7-1154; Mining Engr., 1601 Foshay Tower, Mpls. 2, Fe. 2-8051. [R] [1929]

BENSON, IKEL C.—1434 Hythe St., St. P. 8, Mi. 4-5386; Electric Machinery Mfg. Co., Patent Atty. and Chief Engr., Syn. Mach., 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751. [R] [1928]



BENSON, ROBERT L.—5300 Benton Ave., Mpls. 24, Edina, We. 9-7004; Mpls. Gas Co., Ind. Sales Mgr., 739 Marquette, Mpls. 2, Fe. 3-1113, Ext. 340. [1957]



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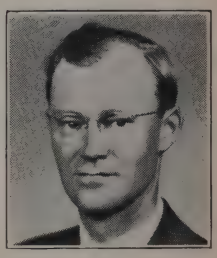
BENZICK, ALLEN B. — 3258 Xerxes Ave. N., Mpls. 12, Ja. 2-1009; Glacier Sand & Gravel Co., Sales Mgr., 70th & France, Mpls. 10, Edina, Wa. 6-1651. [1951]

BERG, ROBERT D. W.—9200 Upton Ave. S., Mpls. 20, Bloomington, Tu. 1-7333; De Bourgh Mfg. Co., Pres., 2924 27th Ave. S., Mpls. 6, Pa. 9-2341. [1954]

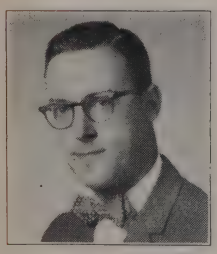
BERGERSON, RAYMOND K. — Box 65A, Rte. 1, Wayzata, Gr. 1-9420; Bergerson-Caswell, Inc., Sec'y. & Treas., 13120 Wayzata Blvd., Mpls. 26, Li. 5-8834. [1957]

BERGFORD, LESTER M. — 4514 Oak Drive, Mpls. 24, Wa. 2-2164; Cutler Magner Co., Vice-President, 1325 Rand Tower, Mpls. 2, Fe. 2-8409. [1933]

BERGFORD, ROLF E.—4912 1st Ave. S., Mpls. 9, Ta. 5-4919; Standard Oil Co., Staff Engr., 2800 Wayzata Blvd., Fr. 4-4312, Mpls. 5. [R] [1921]



BERGUSON, HOWARD E. — 6333 St. Johns Ave., Mpls. 24, Wa. 7-7469; Mpls. Gas Co., Assist. Supt. Distribution, 739 Marquette Ave., Mpls. 2, Fe. 2-5133. [1946]



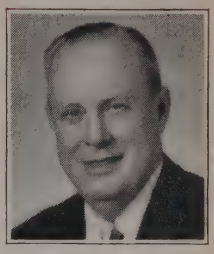
BERMAN, JAMES S.—1540 West Constance Dr., Mpls. 22, Li. 5-8520; Electric Mach. Mfg. Co., Sales Engr., 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751. [1958]

BERNER, JOHN A.—4649 Ewing Ave. S., Mpls. 10, Wa. 2-8733; Northern States Power Co., Undgrd. Engr., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1945]

BERTHE, ALFRED E. — 4221 Abbott Ave. S., Mpls. 10, Wa. 2-0311, Retired. [R] [1918]

BEVERIDGE, ROBERT A. — 5104 39th Ave. S., Mpls. 17, Pa. 2-6308; Mpls.-Honeywell Reg. Co., Application Engr., 2753 4th Ave. S., Mpls. 8, Fe. 2-5225. [R] [1946]

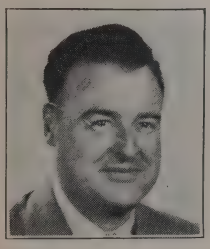
BIEGING, HERBERT G.—Rte. 4, Stillwater, He. 9-3494; Northern States Power Co., Supvr., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [1957]



BIRCHER, CLIFFORD M. — Prior Lake, Hickory 7-2114; C. W. Olson Mfg. Co., Sales Engineer, 1300 Quincy N. E., Mpls. 13, Fe. 5-1145. [1944]

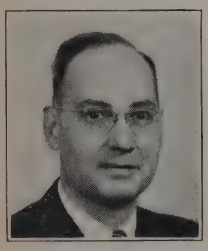
BIRDSALL, LEWIS I. — 904 Vernon Ave., Glencoe, Ill., Ve. 5-1284. Retired. [R] Illinois. [1916]

BIRKEY, VERNON G.—235 West Elmwood Place, Mpls. 19, Ta. 5-4242; Allis-Chalmers Mfg. Co., Sales Engr., 3033 Excelsior Blvd., Mpls. 16, Wa. 6-6571. [R] [1945]



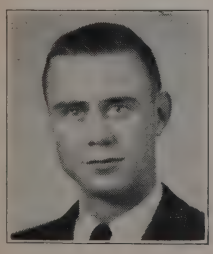
BISCHOFF, MELVILLE H.—Rt. 5 Box 191, Excelsior, Minn.; Nalco Chemical Co. Dist. Mgr., 6504 Walker St., Mpls. 26, St. Louis Park, We. 9-6718. [R] [1943]

BISHOFBERGER, C. J.—4312 Oakland Ave., Mpls. 7, Ta. 3-7046; Mpls.-Honeywell Reg. Co., Pr. Devl. Engr., 2753 4th Ave. S., Mpls. 8, Fe. 2-5225. [R] [1948]

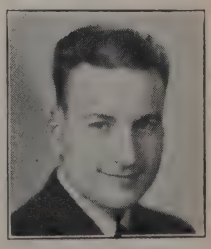


BISHOP, RAY U. — 2802 W. 40th St., Mpls. 10, Wa. 2-8903; Northwestern Bell Tel. Co., Dial Equip. Engr., 224 S. 5th St., Mpls. 2, Fe. 4-5269. [1947]

BLACK, H. D.—Box 66, Rte. 1, Wayzata, Gr. 1-8623; Geo. F. Cook Construction Co., Vice Pres., 2833 Lyndale Ave. So., Mpls. 8, Ta. 3-8211. [1937]

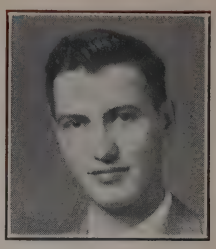


BLAIR, GORDON C. — Rt. 5 Box 125, Excelsior, Gr. 4-6590; General Electric Co., Sales Engr., 12 So. 6th St., Mpls. 3, Fe. 8-6771. [1957]

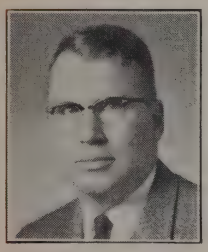


BLAKE, WARNER P. — 215 Cottage Downs, Hop., We. 8-8406; Mpls. Gas Co., Chief Engr., 739 Marquette Ave., Mpls. 2, Fe. 2-5133. [R] [1938]

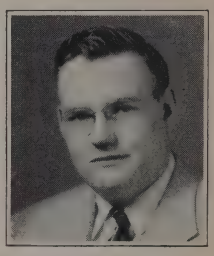
BLANCH, FREDERICK D. — 4924 Thomas Ave. S., Mpls. 10, Wa. 6-0740; John G. Kinnard & Co., Invest. Securities, 80 S. 8th St., Mpls. 2, Fe. 9-8578. [R] [1939]



BLESI, GORDON L. — 6808 Oaklawn Ave., Mpls. 24, Edina, Wa. 7-9473; Blesi-Evans, Pres., 2803 Riverside Ave., Mpls., Fe. 9-7019. [R] [1953]

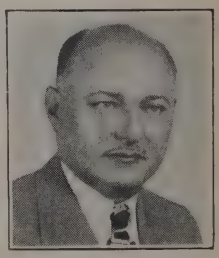


BLOCKI, HERBERT A.—5233 Meadow Ridge, Mpls. 24, We. 9-6987. Ohio Brass Co., Dist. Mgr. 5233 Meadow Ridge, Mpls. 24, We. 9-6987.

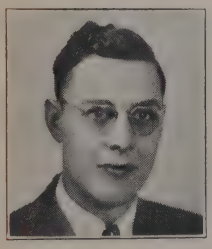


BLUNT, WILLIAM D.—5533 Pillsbury Ave. S., Mpls. 19, Minn., Ta. 2-9284; DeBourgh Mfg. Co., Supt., 2924 27th Ave. S., Mpls. 6, Pa. 9-2341. [1954]

BODIEN, GORDON E. — 1307 E. 54th St., Mpls. 17, Ta. 2-2758; City of Mpls., City Engr., 203 City Hall, Mpls. 15, Fe. 2-1116. [R] [1934]



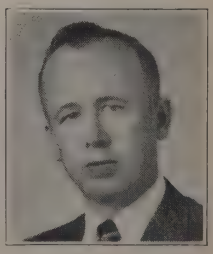
BOKER, JOHN P.—5531 12th Ave. S., Mpls. 17, Ta. 5-6512; Bokers Incorporated, President, 3104 Snelling Ave. S., Mpls. 6, Pa. 9-9365. [1938]



BOKER, WILLIAM E.—450 S. Mississippi River Blvd., St. P. 5, Mi. 8-1339; Bokers Incorporated, Treasurer, 3104 Snelling Ave., Mpls. 6, Pa. 9-9365. [1938]

BORDEAU, SANFORD P.—2223 France Ave. S., Mpls. 16; Wa. 6-5257; Electric Machinery Mfg. Co., Adver. Mgr., 800 Central Ave., Mpls. 13, Fe. 9-6751. [R] [1945]

BORDEN, ROBERT P.—5026 Bryant Ave. S., Mpls. 19; Ta. 5-8947; Vickers, Inc. Application Engr., 821 Marquette Ave., Mpls. 2, Fe. 6-5646. [1959]



BORELL, MARVIN C.—5808 Portland Ave., Mpls. 17, Ta. 5-8497; Mpls. Honeywell, Staff Writer, 2753 4th Ave. S., Mpls. 8, Fe. 2-5225. [1957]

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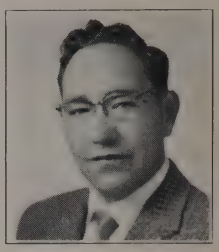
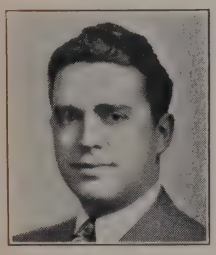
BORGESON, WESLEY C.—6141 5th Ave. S., Mpls. 19, Un. 6-5832, General Mills, Incorporated, Staff Eng., 9200 Wayzata Blvd., Mpls. 16, Li. 5-2811, Reg. Eng. [1959]

BORRESEN, CHARLES W. — 5345 Woodlawn Blvd., Mpls. 17, Pa. 2-6007; C. W. Borresen Const. Co., Gen. Cont., 5345 Woodlawn Blvd., Mpls. 17, Pa. 2-6007. [1953]

BORST, W. LYLE—4715 Meadow Rd., Mpls. 24, Edina, Wa. 6-3406; Power Service Corp., V.P., 2110 Nicollet Ave., Mpls. 4, Fe. 8-8623. [R] [1938]



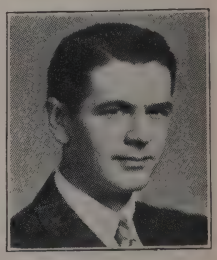
BOSTROM, DAVID E.—6036 Washburn So., Mpls. 10, Wa. 2-4776; Mpls. Honeywell, 600 2nd St., No. Hopkins, We. 5-5155 Ext. 8458. [1960]



BOUCHER, EMMETT J.—6228 Interlachen Blvd., Mpls. 24, We. 9-7068; Federal Ski. & Eng. Corp., V.P., 3456 N. Mississippi Dr., Mpls. 12, Ja. 9-9566. [1941]

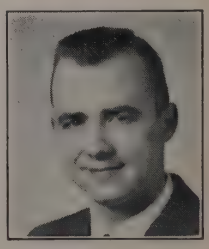
BOUQUET, OTTO T. — 2011 Pillsbury Ave., Mpls. 4, Fe. 8-9601; Northern States Power Co., Rate and Resr. Engr., 15 S. 5th St., Mpls. 2, Fe. 8-7792 [R] [1940]

BOWMAN, PHILIP G.—2308 Commonwealth Ave., St. P. 8, Mi. 4-1819; General Elec. Co., Inst. & Serv. Eng. Mgr., 630 Plymouth Bldg., Mpls. 2, Fe. 8-6771. [R] [1928]



BOWMAN, RALPH A.—3101 29th Ave. N. E., Minneapolis 18, St. 1-4774; Mpls.-Honeywell, Materials Engr., 2600 Ridgway Rd., Mpls. 14, St. 1-8011. [1944]

BOWMAN, RALPH H.—204 Peninsula Rd., Mpls. 27, Li. 5-7378; Power Service Corp., Gen. Supt., 711 Wesley Temple Bldg., Mpls. 3, Fe. 8-8623. [1957]



BOYCE, THOMAS D.—627 Gardner East, Wayzata; Gr. 3-9807; Northern States Power Co., Junior Eng.; 15 South 5th St., Mpls. 2, Fe. 8-7792. [1959]

BOYUM, IRVIN L.—107 Melbourne Ave. S. E., Mpls. 14, Fe. 9-6498; Cons. Engr. Elec.; Frey and Bergsten, E. E., 734 E. Lake St., Mpls. 7, Ta. 7-4691. [R] [1945]

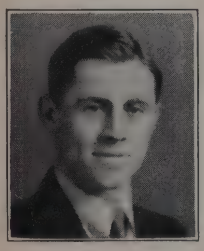
BRADDOCK, EDWARD — 4201 Drew Ave. S., Mpls. 10, Wa. 2-1102; Mpls. Park Bd., Park Engr., 325 City Hall, Mpls. 15, Fe. 2-1116. [R] [1935]

BRADDOCK, WILLIAM A., — 11101 Russell Ave. S., Mpls. 20, Tu. 8-3726 Braddock & Braddock, Patent Attorney, 968 N. W. Bank Bldg., Mpls. 2, Partner, Fe. 3-0251. [1955]

BRAUN, RALPH W.—4204 41st Ave. S., Mpls. 6, Pa. 4-2079; Mpls.-Honeywell Reg. Co., Quality Mgr., 2753 4th Ave. S., Mpls. 8, Fe. 2-5225. [1953]

BRENCHLEY, HARRY E. — 3244 Blaisdell Ave. So., Mpls. 8; Retired. [R] [1920]

BREWER, RALPH E.—4327 S. Chowen Ave., Mpls. 10, Wa. 2-5626; North Western Heating Engrs., Inc., Vice Pres., 970 Raymond Ave. N., St. Paul 14, Mi. 6-4871. [1946]



BRITZIUS, CHARLES W. — Rte. 4, Wayzata, Gr. 7-2824; Twin City Testing & Engr. Lab., Inc., Pres., 2440 Franklin Ave., St. P. 4, Mi. 5-6446. [R] [1936]

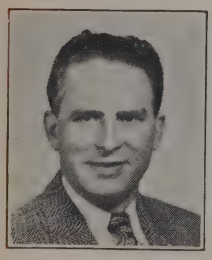
BROCKWAY, ROYDEN RAY—Rte. 2, Box 346-A, Sandy, Oregon, Mutual 7-2889; Retired. [1914]

BROOKE, WILLIAM E.—830 Keystone Ave., River Forest, Ill.; Professor Emeritus, U. of M. [1919]

BROS, KENNETH D.—5900 Halifax Ave. S., Mpls. 24, Wa. 6-9774; Bros Incorporated, Vice Pres.; 1057 10th Ave. S. E., Mpls. 14, Fe. 1-5921. [1959]

BROWN, DALE W. — 5327 Rogers Drive, Hopkins, We. 8-2005; H. A. Rogers Co., Vice Pres., 817 Marquette Ave., Mpls. 2, Fe. 8-7655. [1940]

BROWNELL, OTTO E. — 5209 Woodale Ave., Mpls. 24, Wa. 2-2167; Toltz, King, Duvall, Anderson and Assoc., Inc., Ca. 4-7891, Sanitation Engr., 1509 Pioneer Bldg., St. P. 1. [R] [1920]

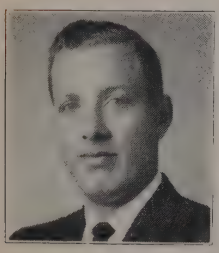


BROWNSON, HARVEY E. — 525 Dogwood Valley Drive N. E., Atlanta 5, Ga., Walker Electric, I-T-E Circuit Breaker Co., Dist. Sales Mgr., 125 Bennet St. N. W. Atlanta 18, Gr. [1947]

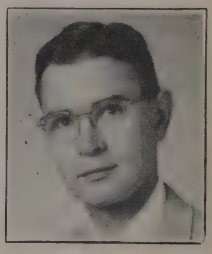
BRUCE, HJALMAR N.—3431 Eleventh Ave. S., Mpls. 7, Pa. 9-7698; H. N. Bruce Printing Co., Owner, 1218 2nd Ave. S., Mpls. 3, Fe. 6-3363. [1919]

BRUCE, ROBERT G.—21 Forrest Dale, Mpls. 10, Wa. 2-7921; City of Mpls., 303 City Hall, Fe. 2-1116 Ext. 296. [R] [1953]

BRYANT, JOHN M. — 1606 Ridgeview Ave., Lancaster, Pa.; Prof. Emeritus, Univ. of Minn. [R] Retired [1928]

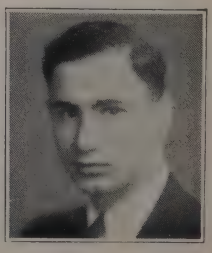


BUETTGEN, PHILIP W.—5104 Richmond Circle, Mpls. 24, We. 9-8261 Philip W. Buettgen Co., Owner, 915 Plymouth Bldg., Mpls. 3, Fe. 8-6989. [1958]



BULLARD, DONN W.—11026 Russell Circle, Bloomington 20, Tu. 8-1408 Johnson and Higgins, Engineer, 610 Roanoke Bldg., Mpls. 2, Fe. 8-0685. [1956]

BURKE, EMMETT F.—4501 Vallacher Ave., Mpls. 16, Wa. 6-1933; N. W. Bell Tel. Co., Dist. Engr.; 224 S. 5th St., Mpls. 2, Fe. 4-6860. [1946]



BURLINGAME, ROBERT E. — 5052 Clark Dr., Kansas City 3, Kan., Skline 1-3579; Federal Aviation Agency, Elec. Engr.; 4825 Troost Ave. Kansas City 10, Mo., Pl. 3-4900 [R] [1925]

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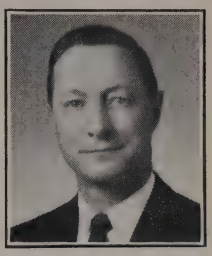
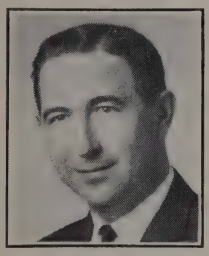


Verne Luther



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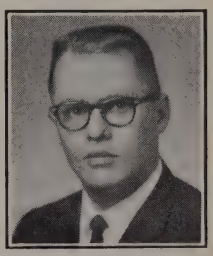

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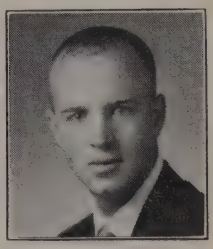

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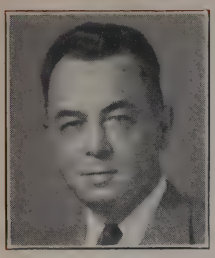
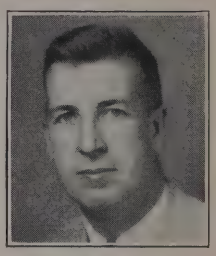


BURNET, WILLIAM B.—1398 W. Minnehaha Pkwy., Mpls. 9, Ta. 5-7851; Strong-Scott Mfg. Co., Dir. of Eng., 451 Taft St., Mpls. 13, St. 1-7461. [1954]

BURNS, CHARLES M. — 4204 Sunnyside Rd., Mpls. 24, Wa. 7-8269; Electric Machinery Mfg. Co., Mgr. Headquarters Sales, 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751. [R] [1947]

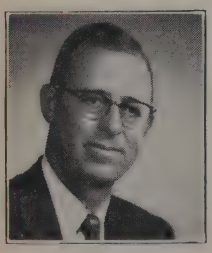
BURNS, DWIGHT T. — 1129 Pike Lake Drive, New Brighton; Minn. Highway, Road Design Engr., John Ireland Blvd., St. Paul, Ca. 2-3013, Ext. 3036 [R] [1936]



BURNS, JOSEPH P.—5501 York Ave. S., Edina, Wa. 2-0847; Mark Hurd Aerial Surveys, Inc., V. P., 345 Pennsylvania Ave., Mpls. 26, Li. 5-2583. [R District of Columbia.] [1954]

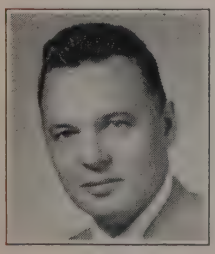
BURRIS, ARTHUR P.—4617 Moorland Ave., Mpls. 24, Wa. 6-2492; Electric Machinery Mfg. Co., President, 800 Central Ave., Mpls. 13, Fe. 9-6751. [R] [1933]

BUTTERFIELD, MAX A.—408 Deerfield St., Silver Spring, Md., Ju. 8-6457 U. S. Post Office Dept., Chief, Research Div., 5115 P. O. Bldg., Washington 25, D.C., Sterling 3-3100 Ext. 8135. [R] [1942]

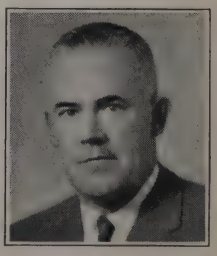


CALDWELL, FLOYD W.—3917 Shady Oak Road, Hopkins, Minn., We. 8-9018; Williams Brothers Co., Dist. Mgr., 220 W. 81st, Mpls., Tuxedo 1-8636. [R] [1953]

CALLINAN, HARRY T.—1418 Preston Lane, Hop., We. 8-1459; Elk River Concrete Products Co., Sales Rep., 650 Builders Exchange, Mpls. 2, Fe. 6-2679. [1951]



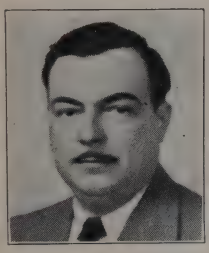
CALROW, ROBERT F.—4828 Garfield Ave. S., Mpls. 9, Ta. 2-2304; Mpls. Gas Co., Asst. V.P., 739 Marquette, Mpls. 2, Fe. 2-5133. [1946]



CAMPBELL, RALPH L.—5825 Eastview Dr., Mpls. 24, We. 9-2245; Ralph L. Campbell Co., Owner, Mfgs. Rep.; 5825 Eastview Dr., Mpls. 24, We. 9-2245. [1957]

CARLSEN, ANDREW E.—5025 Halifax Ave. S., Mpls. 24, Edina, Wa. 6-8304; Carlsen & Carlsen, Sr. Mem., 417 Plymouth Bldg., Mpls. 2, Fe. 8-4777. [1938]

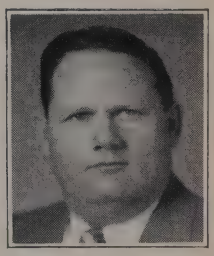
CARLSON, ANDERS J. — 2840 Webster St., Berkeley 5, Calif.; Univ. of Calif., Prof. Pet. Engr., Berkeley 4, Calif. [1919]



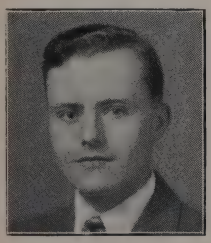
CARLSON, CARL V.—1801 Crosby Rd., Wayzata, Gr. 3-8753; Suburban Readymix, Pres., 3270 Gorham, Mpls., 26, We. 9-0415. [1937]

CARLSON, ERNEST F. — 3224 48th Ave. So., Mpls. 6, Pa. 9-2948. [R] [1934]

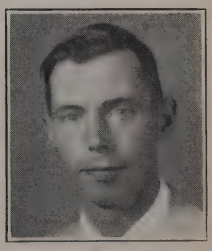
CARLSON, JAMES R. — 6112 Beard Ave. S., Mpls. 10, Edina, Wa. 2-1290; General Electric Co., Sales Engr., 12 S. 6th, Mpls. 2, Fe. 8-6771. [1957]



CARLSON, MALCOLM C.—6800 Fairview Ave. N., Mpls. 27, Ke. 7-8324; Mpls. Gas Co., Corrosion Control, 739 Marquette, Mpls. 2, Fe. 2-5133. [1956]

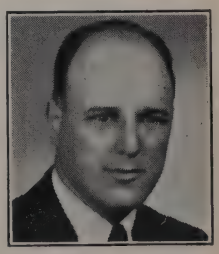


CARLSON, WALLACE O.—1201 Toledo Ave. No., Mpls. 22, Golden Valley, Ju. 8-1536; Electric Machinery Mfg. Co., Adv. Dept. Asst., 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751. [1951]



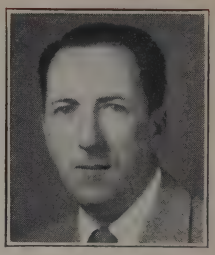
CARLSON, WALTER J.—3700 Chowen Curve, Mpls. 10, Wa. 6-6253; Victor Carlson & Sons, Inc., V.P., 2318 Edgewood Ave., Mpls. 26, Li. 5-5697. [1954]

CARNEY, GEORGE J.—1731 N. Pascal Ave., St. P. 13, Mi. 4-5211; George R. Mellema Co., Sales Engr., 620 Plymouth Bldg., Mpls. 3, Fe. 2-0528. [1951]



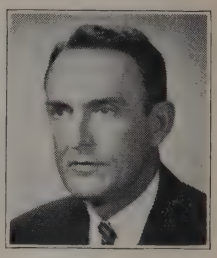
CARPENTER, ALDEN W. — 2900 Perry Ave. No., Mpls. 22, Ju. 8-7814; Plant Equip., Inc., 607 Sexton Bldg., Mpls. 15, Fe. 6-3122. [R] [1946]

CARPENTER, G. RUSSELL — 5108 Drew Ave. So., Mpls. 10, Wa. 2-2297. Bros, Inc., Asst. Works Mgr.; 1057 10th Ave. S. E., Mpls. 14, Fe. 1-5921. [R] [1940]

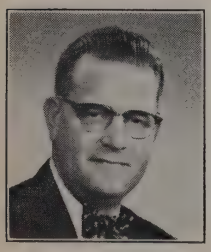


CARSON, DAVID F.—320 Sweet Briar Lane, Hop., We. 8-5152; E. E. Rempfer & Assoc., 215 6th St. S. E., Mpls., Fe. 6-4616. [1954]

CARSON, THOMAS C. — 2901 Raleigh Ave., Mpls. 16, St. L.P., Wa. 2-7833; Mpls. Gas Co., Utilization Engr., 700 Linden Ave., Mpls. 2, Fe. 2-5133. [1945]



CARTER, GEORGE M., JR. — 220 N. Minn. Ave., St. Peter; Minn. Valley Natural Gas, Vice Pres. & Gen. Mgr., P. O. Box 351, St. Peter. [1949]



CARTER, WILLIAM R. — 5021 Wooddale Lane, Mpls. 24, Edina, Wa. 2-6064; R. J. S. Carter Co., Flour Mill Mach. & Elec. Spec., 1219 Flour Exch. Bldg., Mpls. 15, Fe. 5-1834. [R] [1938]

CASWELL, THOMAS B.—Maplewood, Wayzata, Gr. 3-9622; Bergerson-Caswell, Inc., Pres., 13120 Wayzata Blvd., Mpls. 16, Li. 5-8834. [1939]

CATES, FLOYD E. — 2039 Sheridan Ave. S., Mpls. 5, Fr. 7-2074. Retired. [1924]

CEAGLSKE, NORMAN H. — 5139 Belmont Ave. S., Mpls. 19, Ta. 5-3660, Univ. of Minn., Prof., Chem. Eng. Bldg., Mpls. 14, Fe. 2-8158. [R] [1947]

CEDERSTRAND, STANLEY S. — 4820 W. Lake Harriet Blvd., Mpls. 10, Wa. 2-2997; August Cederstrand Co., Director, 966 Central Ave., Mpls. 13, Fe. 5-6745. [1932]

CEDERSTRAND, WALTER M.—5652 Clinton Ave., Mpls. 9, Ta. 4-4519; August Cederstrand Co., Pres., 966 Central Ave., Mpls. 13, Fe. 5-6745. [1933]

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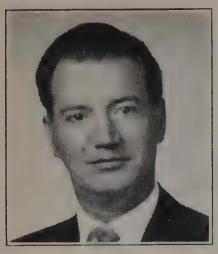
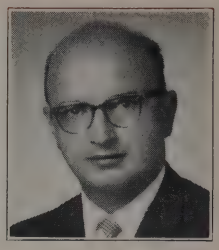


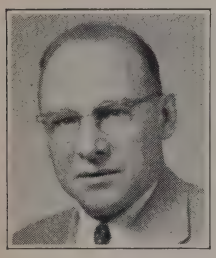
CHRISTENSEN, LEONARD W.—6515 11th Ave. S., Mpls. 23, Richfield, Un. 9-0929; Cutler-Hammer, Inc., Distr. Sales Engr., 4439 Hiawatha Ave., Mpls. 6, Pa. 1-4453. [R] [1950]



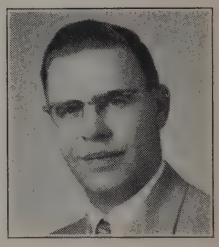
CHRISTIAN, PAUL A. — 14015 Royal Court, Hopkins, We. 8-2469; The Electro Nuclear Systems Corp., Proj. Engr., 4526 Excelsior Blvd. Mpls. 16, Li. 5-1475. [1960]

CHRISTENSEN, PAUL H. — 5627 2nd Ave. S., Mpls. 19, Ta. 5-3308; F. H. Peavey & Co., V.P., 760 Grain Exch., Mpls. 15, Fe. 3-0177. [1944]

CHRISTIANSEN, N. H. — 4612 Drew Ave. S., Mpls. 10, Wa. 2-8416; Allis-Chalmers Co., Representative, 3033 Excelsior Blvd., Mpls. 16, Wa. 6-6571. [1936]



CHRISTOFERSON, EVERETT W. — 4545 Wentworth Ave., Mpls. 9, Ta. 4-7104; Northern States Power Co., Engr., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R Wis.] [1957]



CHRISTOFK, RUSSELL E.—966 W. Iowa, St. Paul 17, Hu. 8-1424; Elec. Mach. Mfg. Co., Design Engr., 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751. [1957]

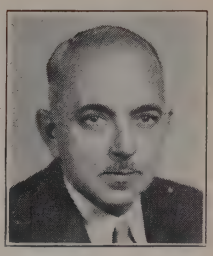
CHRISTOPHER, BEN H.—601 Queen Ave. S., Mpls. 5, Fr. 7-7265; Crown Sign & Constr. Co., Own., 717 W. 26th St., Mpls. 5, Ta. 7-4863. [1936]

CHRISTOPHER, HENRY — 4436 Vincent Ave. S., Mpls. 10, Wa. 2-4203; Moore, White & Burd, Pat. Atty., 710 Midland Bk. Bldg., Mpls. 1, Fe. 3-1494. [1928]

CLARK, ORVILLE P. — 108 Bison Road, San Antonio 12, Texas, Ox. 4-3395. Retired.

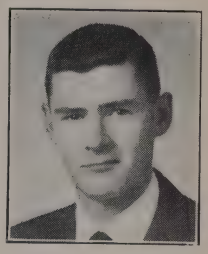
CLARK, WILMER F.—2806 Park Ave., Mpls. 7, Apt. 4, Ta. 2-1004; City of Mpls. Engineer II, 203 City Hall, Mpls. 15, Fe. 2-1116. [1943]

CLAYBAUGH, HOWARD S.—Rt. 1, Box 147-H, Wayzata, Minn., Gr. 1-8242, Retired [R] [1931]



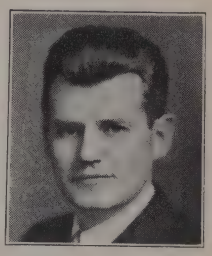
CLEMONS, HAROLD W. — 799 Keller Pkwy., St. P. 17, Iv. 4-3049; U. S. Air Force, Chf. Ind. Plan. Sec., 2908 Colfax Ave. So., Mpls. 8, Fe. 9-3612 Ext. 378. [1945]

CLINGERMAN, BYRON H. — 715 W. Minnehaha Pkwy., Mpls. 19, Ta. 2-4363; Professional Engr.. Consultant. [R].. [1928]



CLOUGH, RONALD H. — 6065 Sumpter Place, Mpls. 27, Ke. 3-3425; Northern States Power Co., Jr. Engr.; 1518 Chestnut Ave., Mpls. 3, Fe. 2-6251. Ext. 352. [1959]

COBB, LEONARD A. — 1987 Goodrich Ave., St. P. 5, Mi. 9-3743; Northern States Power Co., Gen. Supt., Power Production, 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1922]

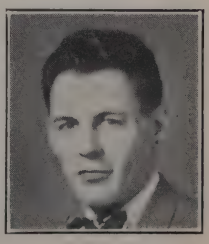


COESTER, ERNEST A. — 4222 Xerxes Ave. N., Mpls. 12, Ja. 9-0582; General Mills, Inc., Senior Engr. 114 Central Ave. N. E., Mpls. 14, St. 9-8811, Ext. 303. [R] [1940]

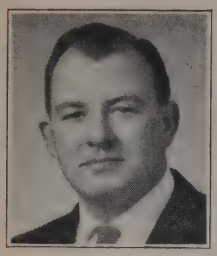
COLE, S. PAUL—9908 Ann Lane, Hopkins, Minn., We. 5-1162; The Jeffrey Mfg. Co., Sales Engr., 6301 West Lake St., Mpls. 16, We. 9-8464. [1957]

COLVIN, JAMES A.—316 Oak Grove, Mpls. 3, Fe. 6-7905, Mpls. Van and Warehouse Co., Director of Public Relations, 106 1st Ave. N., Mpls. 1, Fe. 2-7323. [R] [1921]

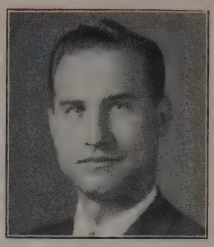
COMSTOCK, ELTING H. — Dyscom Farm, Monticello; Prof. Emeritus, Univ. of Minn. [R] [1919]



CONLEY, JOHN E. — 377 Grandview Ave., Glen Ellyn, Ill., Ho. 9-8286, 5726 W. 51st St., Chicago 38, Ill., Re. 5-2244. [1953]



CONNELLY, THOMAS A. — 2296 Apache, St. Paul 18, Gl. 4-3791; Northern States Power Co., Ind. Sales Engr., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1957]



CONRAD, HAROLD L. — 5500 Merritt Circle, Mpls. 24, Minn., We. 9-4916; H. Conrad Mfg. Co., Pres., 509 First Ave. N. E., Mpls. 13, Fe. 9-8247. [R] [1951]

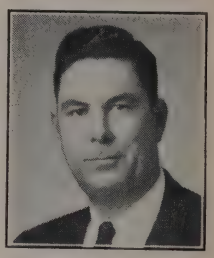
COOK, GEORGE F.—Rte. 3, Box 240 H, Wayzata, Minn., Gr. 7-2620; George F. Cook Const. Co., Pres.-Treas., 2833 Lyndale Ave. S., Mpls. 8, Ta. 3-8211. [1949]

COOPER, LEO. H.—309 W. 50th St., Mpls. 19, Ta. 4-8522; Cooper, Page Company Manufacturers Representatives; 829 South Fifth Street, Mpls 4, Fe. 3-3431. [1908]

COUTTS, CHARLES A.—609 Westwood Drive S., Mpls. 16, Fr. 7-7924; Northern States Power Co., Dir. of Safety, 15 S. 5th St., Mpls. 2, Fe. 8-7792. [1951]

COVELL, PAUL L.—4513 Casco Ave., Mpls. 24, Edina, Wa. 2-5355; Mpls. Gas Co., Asst. V.P., 19th Ave. S. and Bluff St., Mpls. 4, Fe. 2-0435. [R] [1934]

COX, ALLEN E.—141 E. 51st St., Mpls. 19, Ta. 3-4691; Groves, Lundin & Cox, inc., Vice Pres., 310 Wesley Temple, Mpls. 3, Fe. 8-7033. [1952]



COYLE, FRANCIS B. — 5200 17th Ave. S., Mpls. 17, Pr. 2-0216; Carlson-LaVine, Inc., Estimator; 2854 Columbus Ave. So., Mpls. 17, Ta. 7-2541. [1959]

CRAIG, JOSEPH A.—8414 Mississippi Blvd. N. W., Mpls. 21, Su. 4-6365; The Gorgen Co., Pres., 814 S. 9th St., Mpls. 4, Fe. 2-7343. [1945]

CUNNING, WILLIS L. — 9837 Elliot Ave. S., Mpls. 20, Tu. 1-3376; St. Mary's Hospital, Duluth. [1955]

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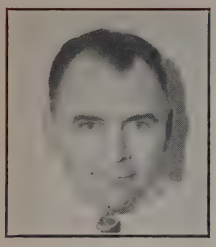
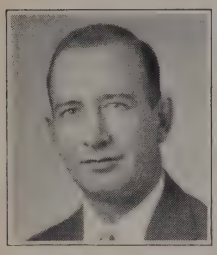


CUNNINGHAM, OWEN E. — Bywater Rd., Annapolis, Md., Co. 7-7524, Vitro Laboratories, Planning Coordinator, 14000 Georgia Ave., Silver Spring, Md., Wh. 2-7200. Ext. 404. [1940]

CUTCLIFFE, WENDELL W. — 2665 Huntington Ave., Mpls. 16, St. L.P., Wa. 6-7568; United Engineering Service, Own., 2524 Henn. Ave., Mpls. 5, Fr. 7-8069. [R] [1947]

CUTHBERTSON, MERLE W. — 5224 Lake Nokomis Pkwy., Mpls. 17, Pa. 2-2662; General Mills, Inc., Mech. Div., Proj. Engr., 1620 Central Ave. N. E., Mpls. 13, St. 9-8811. [1941]

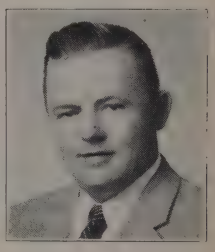
DANIELSON, JOHN W.—5928 Sunrise Drive, Mpls. 19, Wa. 2-6661; N. W. Bell Telephone Co., Engr., 224 S. 5th St., Mpls. 2, Fe. 4-6013. [1957]



DAVIDSON, EDISON C.—2510 Xylon Ave., Mpls. 26, Li. 5-5514; Westinghouse Elec. Corp., Sales Engr., 2303 Kennedy St. N. E., Mpls. 13, St. 9-3541. [1957]

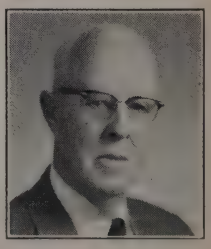
DAVIDSON, JAMES H.—59 E. Minnehaha Pkwy., Mpls. 19, Ta. 4-3142; Minn. & Ontario Paper Co., Chf. Engr., 500 Investors Bldg., Mpls. 2, Fe. 8-8881. [R] [1930]

DAVIS, EDWARD W.—1 Kent Lane, Silver Bay, Minn.; Reserve Mining Co., Consultant, Silver Bay, Minn. [1935]

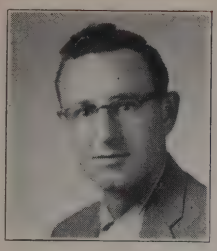


DAVIS, HOWARD C.—Harrington Dr. Rt. 1, Long Lake Gr. 3-5523; Arrow Hart & Hegeman Elect. Co., Dist. Rep. Long Lake, Fe. 5-8793. [1958]

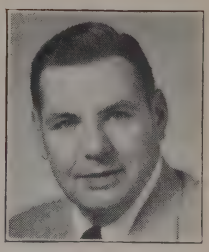
DAVIS, LESTER A. — 16422 Devon Drive, Hopkins, We. 8-2384; F.C.O.I. Co., Asst. Chf. Engr., 2637 27th Ave. S., Mpls. 6, Pa. 4-5471. [1956]



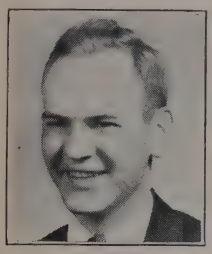
DAY, THURBER — 4511 Arden Ave., Mpls. 24, Wa. 2-0990; Retired. [1925]



DEGER, JACK W. — 7300 Oliver So. Mpls. 23, Un. 6-7847; Wm. H. Ziegler Co. Terr. Mgr., 901 West 94th St., Mpls. 20, Tu. 8-4121. [1960]



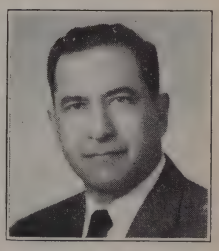
DELANO, JAMES B.—3505 45th Ave. S., Mpls. 6, Pa. 2-0341; Northern States Power Co., Industrial Sales Engr., 360 Wabasha, St. Paul, Ca. 4-5515. [R] [1956]



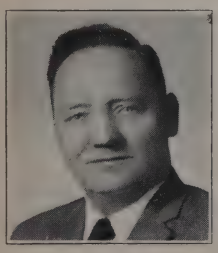
DELIN, NORMAN W. — 5048 Logan Ave. So., Mpls. 19, Wa. 2-4050; Norman W. Delin Building Contractor, Owner, 5048 Logan Ave. So., Mpls. 19, Wa. 2-4050. [1949]

DEMLER, MAX W. — 6508 Belmore Lane, Hop., We. 8-5856; Harbison-Walker Refractories Co., Sales Engr., 1409 Willow St., Mpls. 3, Fe. 6-4166. [1954]

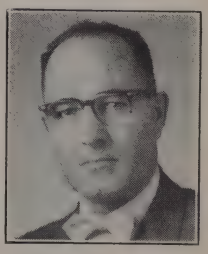
DENEEN, DAVID J.—4741 Wentworth Ave. Mpls. 9, Ta. 2-9831. [R] [1946]



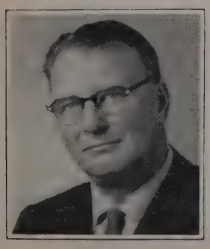
DEVIN, SYDNEY L. — 5109 Russell Ave. So., Mpls. 10, Wa. 2-3132; The Colwell Press Inc., 501 So. 6th St., Mpls., Fe. 6-4347. [1960]



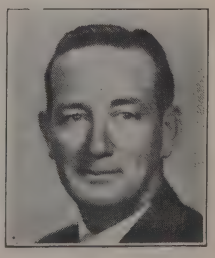
DEWBERRY, RAYMOND A. — 11025 Quinn Ave. So., Mpls. 20, Tu. 8-3182; Montana-Dakota Utility Co., Elec. Engr., 831 2nd Ave. So., Mpls. 2, Fe. 3-5424. [1960]



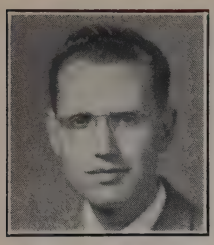
DHAININ, FELIX K.—4825 Drew Ave. S., Mpls. 10, Wa. 6-0462; Board of Park Commissioners Landscape Arch., Admin.; 325 City Hall, Mpls. 15, Fe. 2-1116. [1959]



DICKEY, DONALD D.—9130 12th Ave. S., Tu. 1-3180; Debourgh Mfg. Co., Sales Engr., 2924 27th Ave. S., Mpls. 6, Pa. 9-2341. [1954]

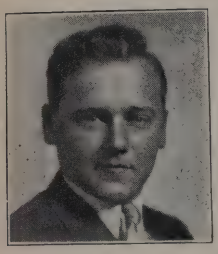


DIEFENDORF, CLARENCE B. — 5316 Xerxes S., Mpls. 12, Wa. 2-1431; Socony Mobil Oil Co., Dist. Rep., 5313 Xerxes Ave. So., Mpls. 10, Wa. 2-1431. [1943]

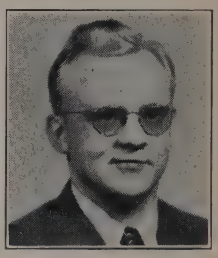


DIENHART, ARTHUR V.—5740 Morgan Ave. S., Mpls. 19, Wa. 6-4243; Northern States Power Co., Civil Engr., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1952]

DIMITY, CARL D.—24 St. Pauls Place Garden City, L. I., N. Y.; Phelps Dodge Copper Products Corp., Asst. Vice Pres., 300 Park Avenue, New York 22, New York, Plaza 1-3200. [R III] [1942]



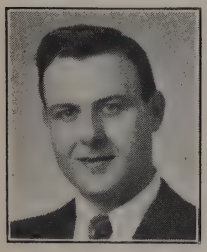
DIMUNATION, JOHN W. — 2509 St. Anthony Blvd., Mpls. 18, St. 1-8903; Air Engineering and Supply Co., Sales Engineer, 2719 E. Franklin, Mpls. 6, Fe. 9-5579. [1942]



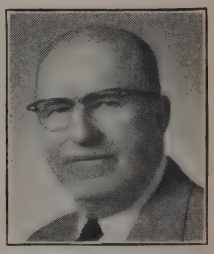
DINESEN, ELMER S.—5737 14th Ave. S., Mpls. 17; Mpls.-Honeywell Reg. Co., Prod. Engr., 1433 Stinson Blvd., Ta. 4-4134. [R] [1945]

DINHAM, RAYMOND G.—4808 Maple Road, Mpls., Wa. 2-0153; R. G. Dinham Co., Own., 814 Wesley Temple Bldg., Mpls. 3, Fe. 2-1531. [1941]

DINWOODIE, JAMES S., Jr. — 3401 36th Ave. N. E., Mpls. 18; N. W. Bell Tel. Co., Dist. Supt., 1021 Commerce Bldg. St. Paul 1, Ca. 1-5411. [1958]



DIRTH, JAMES F.—5019 Wentworth Ave., Mpls. 19, Ta. 7-1838; Square D Company Field Engr.; 2025 Nicollet Ave., Fe. 5-8723. [1959]

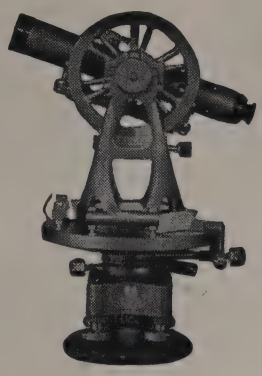


DOELL, CHAS. E.—7225 6th Ave. N., Mpls. 27, Golden Valley, Li. 5-8246; Bd. of Park Com'rs., City of Mpls., Supt. Emeritus; Professional Engineer, Li. 5-8246. [R] [1919]

DOELZ, WALTER E., JR.—4928 Washburn Ave. So., Mpls. 10, Wa. 2-2475; Mpls. Honeywell Reg. Co., Field Engr.; 2753 4th Ave. So., Mpls. 8, Fe. 2-5225. [1961]

DOERR, EMIL W. — 5128 Duggan Plaza, Mpls. 24 (Edina), We. 9-2892; General Electric Co., Eqpt. & Spec. Sales, 630 Plymouth Bldg., Mpls. 2, Fe. 8-6771. [1940]

REPAIRS RENTALS SALES



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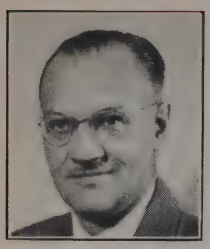
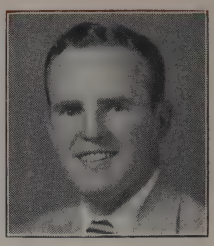
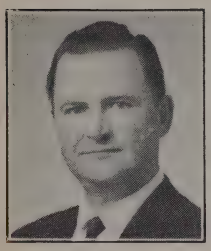


DOESCHER, ERNEST B.—477 Curfew, St. Paul 4, Mi. 5-6824; Northern States Power Co., Sr. Engr., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1944]



DOLAN, THOMAS P.—1916 Munster Ave., St. P. 16, Mi. 8-6117; Dolan Feldhaus, Partner, 5 W. Lake St., Mpls. 8, Ta. 7-2613, Mfs. Agents, Elec. Equip. [1951]

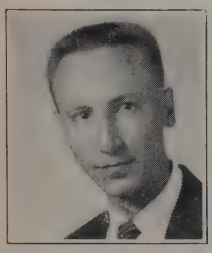


DOMHOLT, ORVALL S.—111 W. 48th St., Mpls. 9, Ta. 3-2314; Lang & Raugland Chief Structural Designer; 802 Wesley Temple Bldg., Mpls. 3, Fe. 2-5401. [R] [1959]

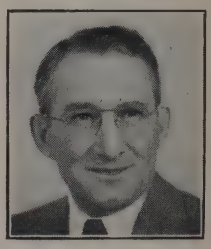
DONALDSON, ROBERT D.—Box 168, Balboa Heights, Canal Zone, Panama Canal Co. [R Minn. & Canal Zone] [1950]

DOW, CLARENCE A. — 2301 France Ave. S., Mpls. 16, Wa. 6-4144; National Food Stores, Inc., Safety Consul.. Excelsior Blvd. & Interlocken Ave., Hop., We. 8-3521. [1938]

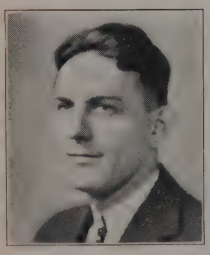
DOWDELL, RALPH L. — 1432 West California Ave., St. Paul 13, Mi. 4-6577; Univ. of Minn., Prof. Emeritus. [R] [1931]



DOYING, DEAN H.—6844 16th Ave. S., Mpls. 23, Un. 9-0096; D. H. Doying Co., Owner, 1645 Hennepin Ave., Mpls. 3, Fe. 5-6055. [1955]

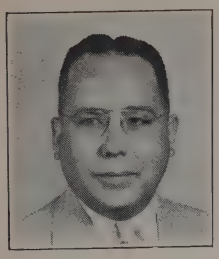


DRAKE, ROY C. — 4531 Arden Ave., Mpls. 24, Wa. 2-6646; Marsh & McLennan, Vice Pres., 1515 N. W. Bk. Bldg., Mpls. 2, Fe. 6-5371. [1950]



DREVESKRACHT, WALLACE W. — 3214 46th Ave. N., Mpls. 22, Ju. 8-6517; Minn. Hwy. Dept., Soils Engr.; John Ireland Blvd., St. Paul 1, Ca. 2-3013. [R] [1938]

DUCKETT, WALTER E. — 3329 First Ave. S., Mpls. 8, Ta. 2-3702; Retired. [1918]



DUCKETT, WALTER E., JR. — 3053 Cavell Ave., Mpls. 16, St. L.P., We. 8-6994; Skelly Oil Co., 1717 Univ. Ave., St. P., Mi. 5-7771. [1948]

DUGGER, RALPH L.—Rt. 1, Box 73, Hopkins, Tu. 1-9286; Dugger & Johnson, Partner, Midland Bank Bldg., Mpls. 1, Fe. 9-7078, Patent & Trademark Lawyers. [1937]

DUNN, HARVEY D. C.—1201 Cedar Lake Rd., Mpls. 16, Fr. 7-4121; Cnsl. Engr. & Mfgr. Repr. [R] **Texas** [1947]

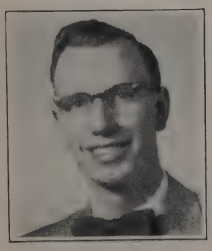
DUNNAVAN, RALPH B. — 1685 Bohland Ave. St. Paul 16, Mi. 8-7651; Northern States Power Co., 15 So. 5th St. Mpls. 2, Fe. 8-7792 Ext. 695. [R] [1960]

DU PRIEST, JOHN R.—879 20th Ave. S. E., Mpls. 14, Fr. 1-2377, Prof. Emeritus of M. E., U. of M. [R] [1954]

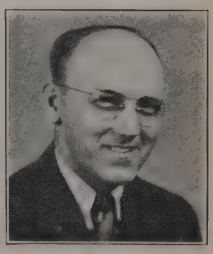
DU TOIT, GEO. A.—4115 Dupont Ave. S., Mpls. 9, Ta. 2-2204; Retired. [R] [1921]

DYGERT, EDWIN S.—5220 W. 56th St., Mpls. 24, We. 9-7784; Owner, Dygert Co., 990 N. W. Bank Bldg., Mpls. 2, Fe. 3-0600, Manufacturer's Agent. [1954]

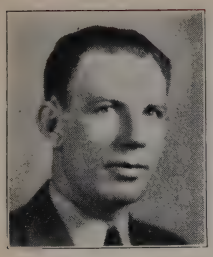
ECK, LESTER J.—Rte. 1, Box 133, Hopkins, Minn.; Mpls. Gas Co., V.P., 739 Marquette Ave., Mpls. 2, Fe. 2-5133. [R] [1932]



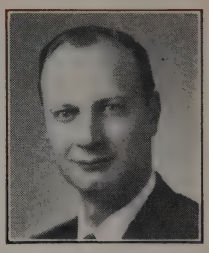
EDELMANN, LAWRENCE W.—4518 Wooddale Ave., Mpls., Edina, Wa. 7-7802; N. W. Power Equip., Sales Eng. 1951 Univ. Ave., St. Paul 14; Mi. 6-9675. [1955]



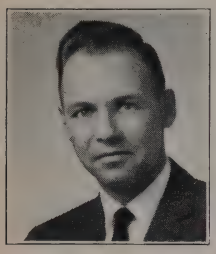
EDQUIST, CLARENCE S. — 112 W. 90th St., Mpls. 20, Tu. 1-9606; Ford Motor Co., Dsgn. Engr., 966 Miss. River Blvd., St. P. 1, Mi. 9-1321. [1944]



EDWARDS, ARTHUR D. — 3204 Irving Ave. S., Mpls. 8, Ta. 2-6533; Walsh Refractories Corp., Dist. Sales Mgr., 111 22nd Ave. No., Mpls. 11, Ja. 9-9533. [1938]

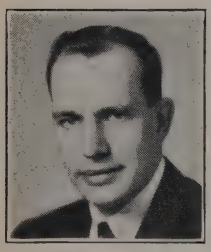


EIDE, RALPH S. — 11919 W. Hilloway Rd., Mpls. 26, Li. 5-9207; Alton M. Johnson Co. Sales Engr.; 3119 Lynn Ave., Mpls. 16, Wa. 7-8741. [1959]

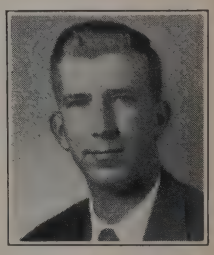


EIDSVOOG, FRANK N. — 7121 18th Ave. So., Mpls. 23, Un. 9-6195; Daycom, Inc., Design Engr., 157 Bryant Ave. No. Mpls. 3, Fe. 6-5511.

EINAN, GEORGE N. — 2403 W. 42nd St., Mpls. 10, Wa. 6-1953; Minneapolis Honeywell, Proc. Engr.; 600 North 2nd St., Hopkins, We. 5-5155. [1944]



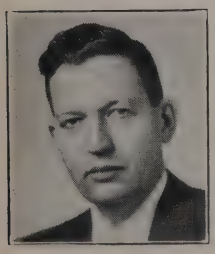
EKBERG, DAVID J.—5735 Colfax Ave. S., Mpls.; General Electric Co., Sales Engineer, 12 S. 6th St., Mpls. 2, Fe. 8-6771. [1956]



ELAM, ROBERT E.—3664 Hazel St., White Bear Lake 10, Ga. 9-0530; Fairbanks, Morse & Co., 1121 Flour Exch., Mpls. 15, Sales Eng., Ca. 4-7603. [1955]

ELDRIDGE, William W.—5153 Washburn Ave. N., Mpls. 12, Ja. 2-5339; Northern States Power Co., Sales Eng. 15 South 5th St., Mpls. 2, Fe. 2-6251. [1959]

ELLIOTT, JAMES—4355 Coolidge Ave. S., Mpls. 24, Wa. 2-8651; Link Belt Co., Sales Mgr., North Central Div., 200 Lyndale Ave. N., Mpls. 5, Fe 3-5575. [1958]



ELLIOTT, LEWIS C.—6100 Oliver Ave. S., Mpls. 19, Un. 6-7848; Westinghouse Elec. Corp., Consulting & Application Engr., 2303 Kennedy St. N. E., Mpls. 13, St. 9-3541. [R] California. [1956]

ELLIOTT, MERLE B.—5904 Lee Valley Rd., Mpls. 24, Edina, We. 9-7127; Mpls.-Honeywell Reg. Co., Chief Analysis Engr., 2753 4th Ave. S., Mpls. 8, Fe. 2-5225. [R] [1942]

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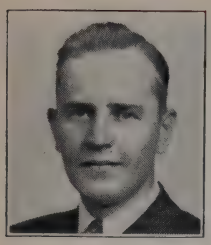
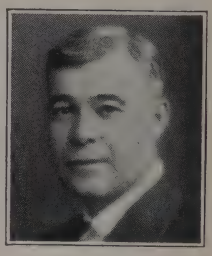


ELO, TOIVO — 5841 Upton Ave. S., Mpls. 10, Wa. 6-9747; Mpls.-Honeywell Reg. Co., Engr., 2753 4th Ave. S., Fe. 2-5225. [R] [1942]

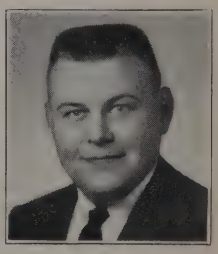
ELSBERG, NELS WILLIAM—3146 W. Calhoun Blvd. Apt. 202, Mpls. 16, Wa. 6-7077. Retired. [R] [1916]

ELVING, CARL D. — 5216 Halifax, Mpls. 24, Edina, Wa. 2-7783; Fasth Hillstrom & Horty, Inc. Engineer; 2649 Park Ave. So., Mpls. 7, Fe. 6-8309. [R] [1947]



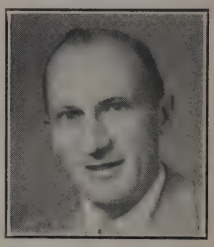
ENDICOTT, WILLIAM—5109 Juanita Ave., Mpls. 24, Wa. 6-5913. Retired. [1924]

ENGELMAN, CHARLES W. — 6409 Wilryan Ave., Mpls. 24, We. 9-1490; Cedar Engr., 5806 W. 36th St., Mpls. 16, We. 9-1681 Ext. 36. [1945]

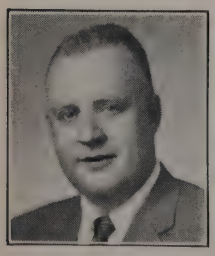


ENGEN, BYRON W.—6238 4th Ave. So. Mpls. 23, Wa. 6-4051; Worthington Corp., Tech. Repr., 807 13th Ave. So., Mpls. 4, Fe. 5-1192. [1960]

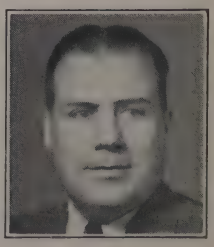
ENGER, EDWARD H. — 4516 Garfield Ave., Mpls. 9, Ta. 4-7403; Livingston & Enger, Co-Partner, 4516 Garfield Ave., Mpls. 9, Ta. 4-7403. [R] [1919]



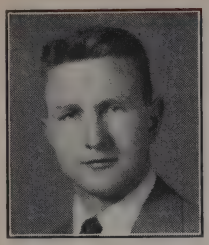
ENGQUIST, CHESTER A. — 3508 12th Ave. So., Mpls. 7, Pa. 2-2069; Boker's Inc., Metallurgist, 3104 Snelling Ave., Mpls. 6, Pr. 9-9365. [1953]



ERICKSON, CARL E.—Andover Acres Rt. 4, Anoka, Ha. 1-5331; The Appraisal Bureau, Partner; 1050 Plymouth Bldg., Mpls. 3, Fe. 6-2297. [R] [1959]



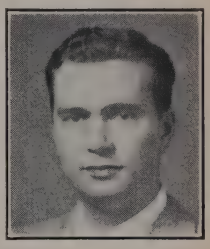
ERICKSON, DONALD A. — 5501 Columbus Ave. So., Mpls. 17, Ta. 5-5605; City of Mpls., Inspector of Bldgs., 305M, City Hall, Mpls. 15, Fe. 2-1116. [R] [1954]



ERICKSON, DONALD O. — Timber Lane, Rte. 1, Excelsior, Gr. 4-9063; Glacier Sand & Gravel Co., Mgr., 70th St. & France Ave. S., Mpls. 10, Wa. 6-1651. [R] [1952]

ERICKSON, HUGO G. — 5335 Grand Ave. S., Mpls. 19, Ta. 2-9083; City of Mpls., 303 City Hall, Mpls. 15, Fe. 2-1116 Ext. 235, Coordinator. [R] [1934]

ERICKSON, MARTIN ANTON — 3828 Xerxes Ave. S., Mpls. 10, Wa. 2-6323. [1945]



ERICKSON, RICHARD O. — 2232 S. Rosewood Lane, St. P. 13, Mi. 5-4787; Adolfson & Peterson, Inc., Estimator, 2817 Bryant Ave. S., Mpls. 8, Ta. 7-1751. [1953]

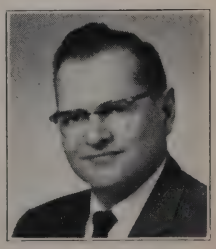
ERIKSTRUP, CHRISTEN K.—Rte. 1, St. Paul 11, Gl. 4-4110. [R] [1934]

ERSKINE, LAWRENCE F.—3440 46th Ave. S., Mpls. 6, Pa. 9-2569; W. H. Erskine Co., Sales Engr., Box 3164, Traffic Station, Mpls. 3, Mi. 4-7992. [1944]

ERSKINE, ROBERT K.—2096 Watson Ave., St. P. 16, Mi. 9-9696; Semiconductor Div., Mpls-Honeywell Reg. Co., 2753 4th Ave. S., Mpls. 8, Fe. 2-5225. [1930]

ERTL, OSCAR E.—3855 York Ave. N., Mpls. 22, Ju. 8-3674; Retired. [1923]

ETEM, VICTOR — 5438 Edgewater Blvd., Mpls. 17, Ta. 4-0080; Associated Consultants Inc., Pres., 420 Sexton Bldg., Mpls. 15, Fe. 9-7585. Consulting Engr. [R] [1955]

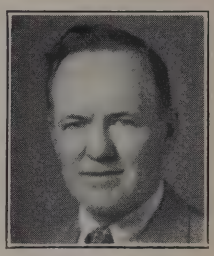


EVANS, DALE V. — 2333 Texas Ave., Mpls. 26, Li. 5-8477; Magney, Setter, Leach & Lindstrom, Inc., Asst. Chief Elec. Engr., 133 Foshay Tower, Mpls. 2, Fe. 8-8741. [R] [1960]

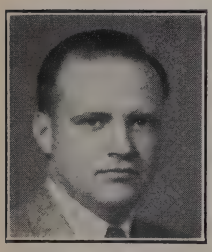
EVARTS, HAROLD C.—1776 Fremont Ave. S., Mpls. 5, Fr. 7-4899; State of Minn. Dept. of Hwys., 706 State Highway Bldg., St. Paul 1, Ca. 2-3013 [R] [1929]

FADDEN, GLEN L.—1735 St. Mary's St., St. P. 13, Mi. 5-1349; Fadden Pump Co., Pres., 1551 Univ. Ave., St. P., 4E, Mi. 5-5517. [1940]

FAGRELIUS, CARL A.—2911 W. 54th St., Mpls. 10, Wa. 6-3409; Genl. Elect. Co., Sales Eng., 12 So. 6th St., Mpls. 2, Fe. 8-6771. [1953]

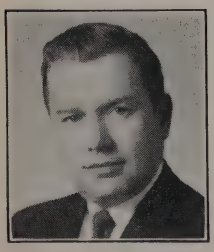


FAHRENHOLZ, JACK F.—2836 Silver Lake Rd., Mpls. 18, St. Anthony, St. 9-3118; Mpls. Gas Co., 739 Marquette Ave., Mpls., Fe. 2-5133. [R] [1954]



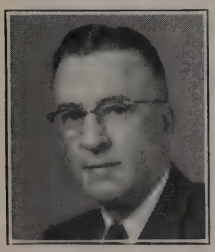
FARGO, VERNON L.—4925 Ridge Rd., Edina 24, We. 8-5180; Bergstrom-Verbarg Co., Sales Engr., 632 Midland Bank Bldg., Mpls. 2, Fe. 9-0028. [1953]

FARNHAM, CARLETON W.—7028 Oak Grove Blvd., Mpls. 23, Richfield, Un. 9-3723; C. W. Farnham, Arch., 809 Wesley Temple Bldg., Mpls. 3, Fe. 5-3487. [R] [1945]



FAUST, WILLIAM C.—7145 First Ave. S., Mpls. 23, Un. 9-7116; U. S. Steel Supply Div., Mgr. Reber Dept.; 2545 Univ. Ave., St. Paul 14, Mi. 6-7311. [1960]

FELDHAUS, RALPH J. — 3422 The Mall, Wayzata, Gr. 3-5950; Dolan-Feldhaus Co., Partner, 5 West Lake St., Mpls. 8, Ta. 7-2613. [1950]



FENTON, WALTER M. — 4808 Colfax Ave. So., Mpls. 9, Ta. 2-7314; Quebec Lithium Corp., Montreal, Canada. [1954]

FIELD, CYRUS O.—4401 Garfield Ave. S., Mpls. 9, Ta. 3-6834; C. O. Field Co., Pres. & Treas., 2940 Harriet Ave. S., Mpls. 8, Ta. 4-2631. [1942]

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FIELD, RICHARD H.—425 Upton Ave. S., Mpls. 5, Fr. 7-7372; Northern States Power Co., Engr. 1518 Chestnut Ave., Mpls. 3, Fe. 2-6251. [1957]

FINCH, RONALD M. — 825 S. Palm Way, Lake Worth, Fla., Justice 2-6489; Baker Process, Sales Engr., 825 So. Palmway, Lake Worth, Florida. [1926]

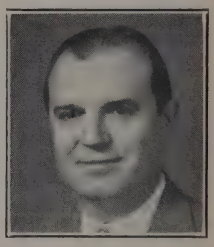
FISCHER, ALBERT J. — 2605 E. 42nd St., Mpls. 6, Pa. 9-3598; Bartley Sales Co., Assoc., 134 S. 10th St., Mpls. 3, Fe. 8-7838. [1945]

FISHER, ASHLEY P. — 4600 West Woodland Road, Mpls. 24, Wa. 6-9578; Walter D. Giertsen Co., Vice Pres., 3501 Xenwood Ave., Mpls. 16, We. 9-4635. [1953]

FISKE, HAROLD C. — 1708 Wellesley Ave., St. P. 5, Mi. 9-3458; Harold C. Fiske Co., Mfgrs. Rep., 2255 Rand Tower, Mpls. 2, Fe. 3-8151. [1935]

FITCH, NORRIS R. — 4009 Sunnyside Ave., Mpls. 24, Wa. 2-0424; Northern States Power Co., Engr., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1954]

FLORENTINE, FRANK D. — 2432 Humboldt Ave. So., Mpls. 5, Fr. 7-8596; Pfeifer & Shultz, Elec. Engr., 701 Wesley Temple Bldg., Mpls. Fe. 3-5563 Ext. 28. [R. III.] [1960]

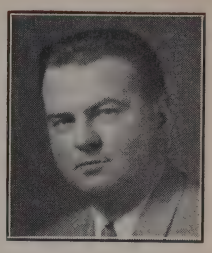


FORCHTNER, JAMES—1726 Jefferson Ave., St. P. 5, Mi. 9-2995; N. W. Bell Tel. Co., Exch. Plt. Ext. Engr., 224 S. 5th St., Mpls. 2, Fe. 4-5244. [R] [1953]

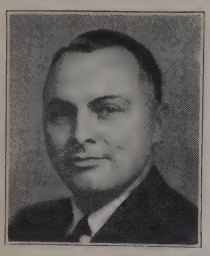
FORFAR, DONALD M.—2317 W. 53rd St., Mpls. 10, Wa. 2-1601; Grinnell Co., Inc., Mech. Engr., 623 Wash. Ave. S., Mpls. 15, Fe. 2-0321. [R] [1911]

FORKEY, MEDRICK D. — 3901 Idaho Ave. N., Mpls. 27, Ke. 7-6585; Power Service Corp., Chf. Engr., 2110 Nicollet Ave., Mpls. 4, Fe. 8-8623. [R] [1945]

FORREST, VINCENT C. — 605 Plum Ave., Grand Forks, N. D., 2-3916; Northern States Power Co., Gen. Supt., 25 S. 3th St., Grand Forks, N. D. [R] [1955]



FORREY, DONALD C.—4553 42½ Ave. N., Mpls. 22, Robb., Ke. 7-6137; Townsend Co., Sales Engr., 4553 42½ Ave. N., Mpls. 22, Robb., Ke. 7-6137. [1952]



FORSETH, GEORGE O. — 4836 11th Ave. S., Mpls. 7, Ta. 4-6522; Mfg's. Supply Co., Owner, 2446 Univ. Ave., St. Paul 14, Mr 5-7769. [1939]

FOX, BILL C.—248 Queen Ave. S., Mpls. 5, Fr. 7-5282; Lakeland Engineering Equipment Co., Vice Pres., 116 3rd Ave. N., Mpls. 1, Fe. 8-7531. [1953]

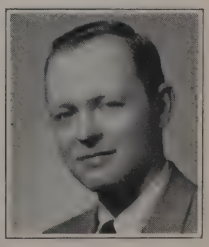
FRANCIS, D. C.—2855 Ottawa Ave., Mpls. 16, St. L. Pk., Wa. 2-7017; Mpls.-Honeywell Reg. Co., Engr., 2753 4th Ave. S., Mpls. 8, Fe. 2-5225. [1935]

FRAWLEY, PATRICK J.—1901 Meadow View Rd., Mpls. 20, Tu. 1-6987; Retired. [1934]

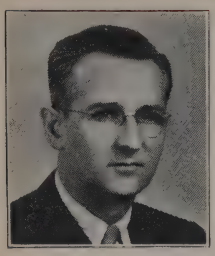
FREDERICKSON, HUBERT M.—4235 Alden Dr., Mpls. 16, Wa. 2-8801; Montana-Dakota Utilities Co., Asst. V.P., 831 2nd Ave. S., Mpls. 2, Fe. 3-5424. [R] [1933]

FREEDLAND, LEWIS D. — 1924 Thomas Ave. N., Mpls. 11, Ja. 1-0716; Lewis D. Freedland, Owner Consulting Engr.; 1009 Marquette Ave., Mpls. 3, Fe. 5-4231. [R] [1959]

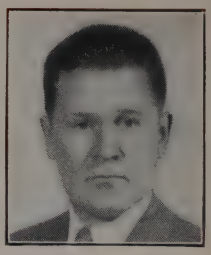
FRENCH, ROBERT WILTON — 1614 Marshall Ave., Richland, Wash. 8-3496; Retired. [R] [1921]



FREY, GEO. W., JR.—5516 Warwick Place, Mpls. 24, We. 9-7366; Central Supply Co., Sales Engr., 2929 4th Ave. S., Mpls. 8, Ta. 4-0705. [1955]



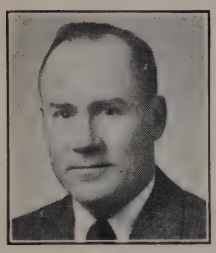
FRIESTEDT, LOUIS J. — 5232 West Barry, Chicago 41, Ill., The Good Mfg. Co., Sales Mgr., 1015 N. Halsted St., Chicago 22, Ill., De. 7-0167. [1945]



FULLER, PHILIP E. — 4622 Drexel Ave., Edina, Wa. 2-1557; Pfeifer & Shultz, Mech. Engr., 702 Wesley Temple Bldg., Mpls. 3, Fe. 3-5564. [R] [1948]

FURBER, J. ROSCOE—4805 Rolling Green Parkway, Mpls. 24, We. 9-3572; Northern States Power Co., V. P. & Mgr., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1926]

FURBER, RICHARD D.—5404 Oaklawn Ave., Mpls. 24, Edina, Wa. 2-6917; Northern States Power Company, Dir. Inf. & Adv. Dept., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1931]



FURBER, STANLEY L.—5237 3rd Ave. So., Mpls. 19, Ta. 3-3654; Minneapolis-Honeywell, Sales Mgr., Semi-conductor Products Div., 1015 So. 6th St., Mpls. 4, Fe. 2-5225 Ext. 2350. [1960]

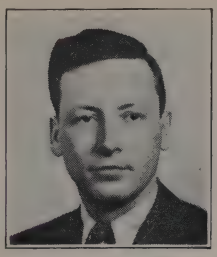
GAARDEN, OSCAR — 510 Groveland Ave., Mpls. 3, Fe. 2-8811. Retired. [1924]

GABLE, JAMES D.—761 Keokuk Lane, Mendota Heights, St. Paul 18, Gl. 4-4164; Ford Motor Co., Plant Engr., 966 Mississippi River Blvd., St. P. 5, Mi. 9-1321. [1944]

GADBOIS, LEON C.—4102 Lake Drive Ave., Mpls. 22, Robb., Ke. 7-9142; Leon C. Gadbois Co., Mfgs. Rep., 2514 Univ. Ave. S. E., Mpls. 14, Fr. 1-2811. [1945]

GARIS, GORDON O.—5920 Wolfberry Lane, Mpls. 22. Li. 5-1925; Bros, Inc., 1057 10th Ave. S. E., Mpls., Fr. 1-5921. [1950]

GARTHUS, IRA B. — 415 Parkview Terrace, Mpls. 16, Fr. 4-3387; Retired. [R] [1926]



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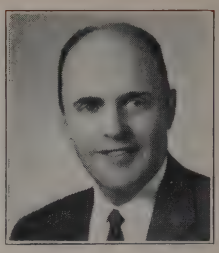
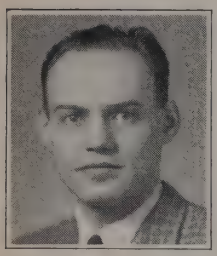
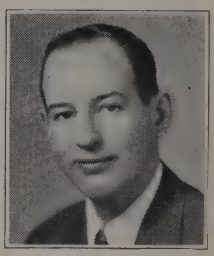
GARZON, JULIAN R.—3839 Vincent Ave. S., Mpls. 10, Wa. 2-4638; City of Minneapolis City Assessor; 135 City Hall, Mpls. 15, Fe. 2-1116 Ext. 496. [1959]



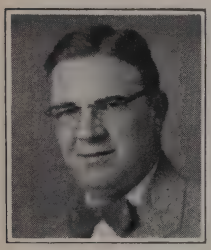
GATES, CHARLES B. — 7344 Oakland Ave. So., Mpls. 23, Un. 9-5914; Marshall & Stevens, Inc., Val. Engr., 414 Plymouth Bldg., Mpls. 3, Fe. 2-2848. [R] [1960]



GAYL, FRANZ J. F.—327 Forest Ave., Mpls. 3, Fe. 8-1252; Mpls. Gas Co., Arch. Dsgn., 739 Marquette Ave., Mpls. 2, Fe. 2-5133. [1957]

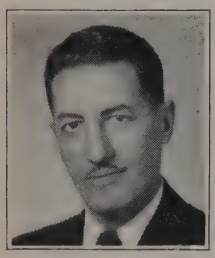


GEE, HAROLD W.—2748 Quebec Ave. N., Mpls. 27, Li. 5-1767; Ind. Supply Co., Inc., Design Engr., 1100 3rd Ave. S., Mpls. 4, Fe. 9-8111. [1957]

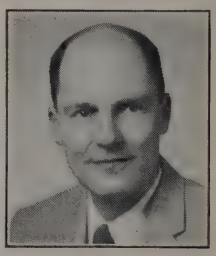


GEER, HENRY G. — 3343 James Ave. N., Mpls. 12, Ja. 9-4473; Erickson Power Lift Trucks Inc., Chf. Engr., 211 St. Anthony Blvd. N. E., Mpls. 18, St. 1-9508. [1955]

GEISENHEYNER, ROBERT M. — 1151 Ashland Ave., St. Paul 4, Ca. 7-4005; Butler Mfg. Co., Sales Engr., 900 Sixth Ave. S. E., Mpls. 14, Fe. 3-8111 Ext. 62. [R] [1955]



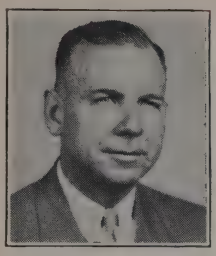
GELINAS, HORACE — 3345 40th Ave. S., Mpls. 6, Pa. 2-7908; Elect. Mchy. Mfg. Co., Mgr. of Mfg., 800 Central Ave., Mpls. 13, Fe. 9-6751 Ext. 227. [1957]



GEMLO, JOHN E.—4619 Bruce Ave., Mpls. 24, Edina; Square D Co., District Manager; 2025 Nicollet Ave., Mpls. 4, Fe. 5-8723. [1959]

GEORGE, NILS N.—5149 Tifton Drive, Mpls. 24, We. 9-1932; Mpls.-Honeywell Reg. Co., Staff Engr., 2600 Ridgway Rd., Mpls. 13, St. 1-8011. [R] [1948]

GERMAIN, GEORGE B.—209 Natchez Ave., Mpls. 16, Fr. 4-4790; Westinghouse Electric Corp., Appl. Engr., 2303 Kennedy St. N. E., Mpls. 13, St. 9-3541. [R] [1946]



GETTELMAN, ARTHUR F.—312 East Diamond Lake Rd., Mpls. 9, Ta. 2-0964; General Electric Co., Appl. Engr., 12 S. 6th St., Mpls. 2, Fe. 8-6771. [R] [1946]

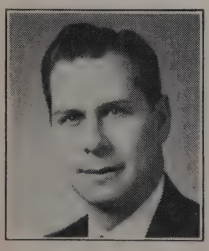
GILL, RAY S.—4119 York Ave. S., Mpls. 10, Wa. 2-2456; Oliver Machinery Co., Dist. Mgr., 8440 Quinn Ave. So., Mpls. 20, Tu. 8-6511. [1958]

GILLE, WILLIS H. — 1924 Hillcrest Ave., St. P. 16, Mi. 9-1235, Mpls.-Honeywell Reg. Co., Chf. of Engr. Staff, 2753 4th Ave. S., Mpls. 8, Fe. 2-5225. [R] [1932]

GILMAN, JAMES B. — 5114 Lyndale Ave. S., Mpls. 19, Ta. 2-5387. Retired. [1901]

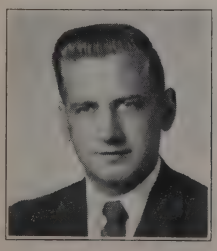
GILSTER, WILLIAM H. — 5013 Edinbrook Lane, Mpls., We. 9-9551; Wagner Electric Corp., Elec. Div., Br. Mgr., 3000 Univ. Ave. S. E., Mpls. 14, Fe. 8-5847. [1939]

GODWARD, ALFRED C.—4081 Sunnyside Rd., Mpls. 24, Wa. 2-8109; Consulting Engr., 1035 N. W. Bank Bldg., Mpls. 2, Fe. 6-7177. [R] [1907]



GOLD, ROBERT M.—8206 Virginia Circle North, Mpls. 26, Li. 5-4640; Dayton Rogers Mfg. Co., Chief Eng.; 2824 13th Ave. S., Mpls. 7, Ta. 5-2471. [R] [1959]

GOODWIN, W. R. — Box 146, Youngtown. Ariz. Retired. [1917]

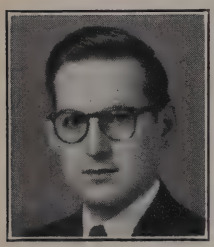


GORENC, JOHN L.—4930 Morningside Rd., St. Louis Park, Wa. 7-7410; General Elec., Sales Engr., 12 So. 6th St., Fe. 8-6771. [R] [1960]

GORGEN, ROY E.—Shore Hills, Rte. 2, Box 262B, Excelsior, Gr. 1-8843; The Day Sales Co., Pres., 810 3rd Ave. N. E., Mpls. 13, Fe. 6-9671. [1934]

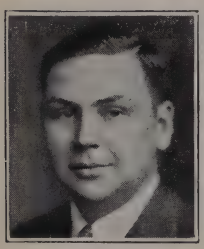
GORGENSON, ERIC G. L. — Brighton Point, Bay Lake, Deerwood, Minn., Consulting Engr. [R] [1926]

GOW, MYLES B. — 2500 Blaisdell Ave. Apt. 304, Mpls. 4, Ta. 5-6760; H. A. Rogers Co., Exec. V.P., 817 Marquette Ave., Mpls. 2, Fe. 8-7655. [1935]



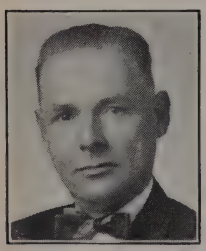
GRADY, GILBERT J.—9701 Columbus Ave. S., Mpls. 20, (Bloomington), Tu. 1-2094; Flour City Brush Co., Ch. Engr., 1501 4th Ave. S., Mpls. 4, Fe. 8-8643. [1952]

GRANT, ARTHUR C.—303 N. 47th St., San Diego 3, Calif. Retired. [R] [1923]



GRANT, JOHN W.—2192 Acorn Road, St. Paul 13, Mi. 4-7355; Cutler-Magner Co., Sales Engr., 1325 Rand Tower, Mpls. 2, Fe. 2-8409. [R] [1935]

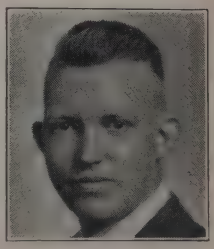
GRANZOW, ERNEST F.—6129 Logan Ave. S., Mpls. 19, Un. 6-9465. Retired. [R] [1921]



GRASSIE, EUGENE J.— General Electric Co., Manager, 2025 49th Avenue No., Mpls. 12, Ja. 9-9502. [1960]

GRAVES, W. LLOYD — 3024 Zarthan Ave., Mpls. 16, St. L.P., We. 9-2828; Northwestern Bell Tel. Co., COE Supv., 224 S. 5th, Mpls. 2, Fe. 2-4112. [1941]

GRIFFIN, WALTER E.—2964 Virginia Ave., Mpls. 26, We. 8-5926; Mpls. Honeywell Reg. Co., Section Chief., 2753 4th Ave. So., Mpls. 8, Fe. 2-5225 Ext. 2106 [1960]



GRIFFITH, JAMES W. — 11208 W. Timberline, Mpls. 22, Li. 5-8606; Mpls. Equipment Co., V.P., 520 2nd St. S. E., Mpls. 14, Fe. 3-7114. [1941]

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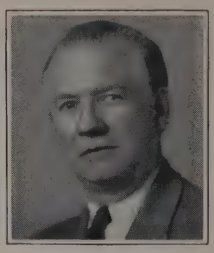
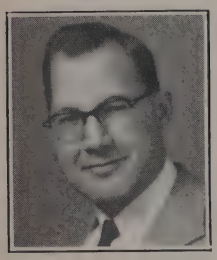
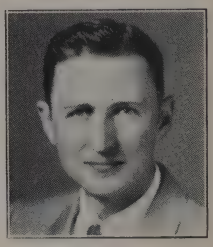
GRIFFITH, JOHN A. — 4612 Oak Dr., Mpls. 24, Edina, Wa. 2-0572; Sealite Co., 4612 Oak Drive, Mpls. 24, Wa. 2-0572. [1947]



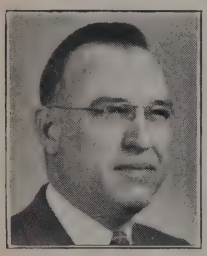
GRIMES, MICHAEL — 4104 25th Ave. S., Mpls. 6, Pa. 9-4094; Electric Mach. Co., Foreman, 800 Central Ave. N. E., Fe. 9-6751. [1955]



GROTEY, DONALD W.—4746 Heights Drive, Mpls. 21, Su. 8-3058; [1954]



GROVE, THOMAS U. — 3225 Woodbridge St., St. Paul 17; Mpls.-Honeywell Reg. Co., Mgr. Flight Oper., Wold Chamberlain Field. [R] [1951]

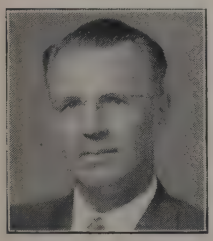


GROVER, ROY L.—4242 Crocker Ave., Mpls., Morn. 16, Wa. 2-9410; Electrical Jobbers Equipment Co., Sales Engr., 619 4th Ave. S., Mpls. 15, Fe. 6-6321. [R] [1949]

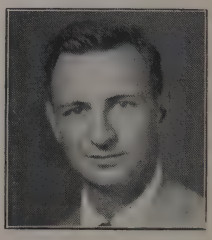
GRUDEM, IRVIN—1463 Sherburn Ave., St. P. 4, Mi. 4-8742; Grudem Bros. Co., Pres., 635 Prior Ave., St. P. 4, Mi. 6-7404. [1937]

GULLICK, N. KENNETH—4804 Roycar Rd., Mpls. 24, Wa. 7-9115; Northland Elec. Supply Co., V.P. and Elec. Engr., 521 S. 10th St., Mpls. 4, Fe. 2-4481. [1933]

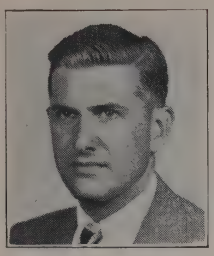
GUPTIL, CHARLES W. — 5810 Park Ave., Mpls. 17, Ta. 2-2263; Charles W. Guptil Co., Own., 1694 Grand Ave., St. P. 5, Mi. 9-3995. [1950]



GUSTAFSON, GEORGE L.—353 Roslyn Place, Mpls. 19, Ta. 3-1548; Kvalsten Electric Co., Elec. Contractor, 905 Park Ave., Mpls. 4, Fe. 2-5361. [1950]



HAEDRICH, STANLEY F., JR.—5100 48th Ave. N., Mpls. 22, Ke. 7-6361; Power Service Corp., Asst. Ch. Engr., 2110 Nicollet Ave., Mpls. 3, Fe. 8-8623. [1950]



HAGGENMILLER, JEROME S. — 1969 Wellesley Ave., St. P. 5, Mi. 9-5459; Gluek Brewing Co., Master Brewer & Chf. Chem., 2000 Marshall St. N. E., Mpls. 18, St. 9-4331. [1947]

HAKE, PAUL H.—1041 Thomas Ave. S., Mpls. 5, Fr. 7-2943; Small Business Administration, Prod. Spec., 603 Lewis Bldg., Mpls. 2, Fe. 2-3211 Ext. 348. [1932]

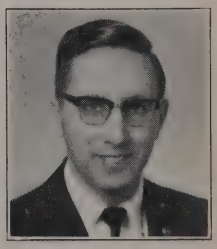
HAKOMAKI, RAYMOND I. — 2222 Marion Rd., St. Paul 13, Mi. 5-3666; General Mills, Inc., Sales Engr., 419 N. 5th St., Mpls. 1, St. 9-8811 Ext. 466. [R] [1948]

HALE, WILLIAM H.—2720 Colfax Ave. S., Mpls. 8, Ta. 5-6710; Olson Equipment Co., V.P., 4411 Hiawatha Ave., Mpls. 6, Pa. 9-8354. [1911]

HALL, JOHN M., SR.—6020 Beard Ave. S., Wa. 2-7143; Eagle Iron Wks., V.P., 829 S. 5th St. Fe. 6-9661. [1957]

HALLADAY, L. L. — 5540 Pillsbury Ave. S., Mpls. 19, Ta. 4-8122. Retired. [R] [1925]

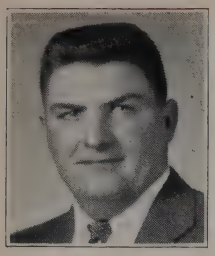
HALLAWAY, A. B.—6101 France Ave. S., Mpls. 10, Edina, Wa. 2-2590; Northern States Power Co., Supv'r. Resid. Sales, Mpls. Div., 15 S. 5th St., Mpls. 2, Fe. 2-6251. [R] [1948]



HALLGREN, OSCAR — 1900 44th Ave. N. E., Mpls. 21, Su. 8-8204; MacArthur Co., Salesman, 936 Raymond Ave., St. Paul 14, Mi. 6-2773 Ext. 8. [1960]

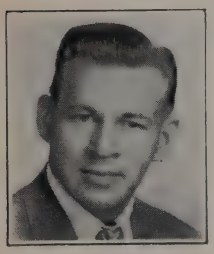
HALSTENSEN, OTTO—7115 W. 23rd St., Mpls. 26, Li. 5-5805; Electric Machinery Mfg. Co., Chf. Insp., 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751 Ext. 378. [1950]

HALTER, FRED W.—9300 Penn Ave. S., Mpls. 20, Bloomington, Tu. 1-9174; Northern States Power Co., Plant Supt., Black Dog Steam Plant, Mpls. 20, Tu. 1-6223. [1940]



HALVERSON, EUGENE E. — 4617 Morris Lane, Mpls. 20, Bloomington, Tu. 1-8571; McCarthy Well Co., 670 Eustis, St. Paul, Mi. 6-6571. [1957]

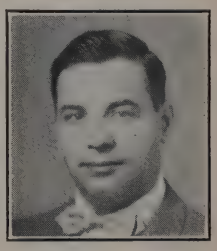
HAMILTON, ARCHIE H. — 2500 Blaisdell Ave. So., Mpls. 4, Ta. 4-1845; Northern States Power Co., Mgr. of Purchasing, 15 S. 15th St., Mpls. 2, Fe. 8-7792 Ext. 267. [1929]



HAMMERSTROM, JOHN L.—5150 12th Ave. S., Mpls. 17, Ta. 5-3230; Power Service Corp., Mech. Eng., 2110 Nicollet Ave., Mpls. 4, Fe. 8-8623. [1955]

HANNING, ROBERT C.—12240 Marilane, Hopkins, Minn., We. 8-2325; Mpls. Equipment Co., 520 2nd St. S. E., Mpls. 14, Fe. 3-7114. [1952]

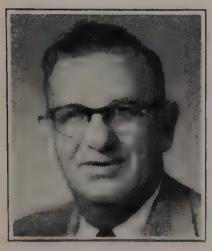
HANSEN, DAVID F.—6104 Westridge Blvd., Mpls. 24, We. 9-8387; Mpls. Gas Co., Manager of Utilization, 700 N. Linden, Mpls. 3, Fe. 2-5133 Ext. 200. [1955]



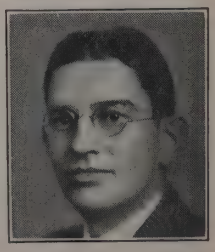
HANSEN, ROBERT S.—6 E. Mission Lane, Mpls. 20, Tu. 1-7130; Ford Motor Co., Mgr. Mfg. Eng. Dept., 966 Mississippi Blvd., St. P. 1, Mi. 9-1321. [1953]

HANSON, SIDNEY H.—3658 Humboldt Ave. N., Mpls. 12, Ja. 9-8456; Dean L. Witcher, Inc., Estimator & Engr., 400 Title Insurance Bldg., Mpls. 1, Fe. 5-6765. [1945]

HANSON, WARD M. — 1538 W. Glenhill Rd., St. Paul 12, Me. 3-4006; Minn. Mining Mfg. Co., Supv., 400 McKnight Rd., St. Paul 6, Sp. 9-7711 Ext. 2433. [R] III. [1960]



HARDING, BRENT T.—Rte. 2, Box 7, Wayzata, Gr. 3-6276; Midwest Oil Co., Chief Engr., Industrial Dept., 25th and Minnehaha Ave., Mpls. 4, Pa. 4-5411. [1945]



HARRIS, DONALD B.—24910 LaLoma Court, Los Altos Hills, Calif., Wh. 8-5213; Stanford Research Institute Sr. Exec. Engr. 333 Ravenswood Menlo Park, Calif. Da. 6-6200. [1941]

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HARRIS, HAROLD R.—201 Woodlawn Ave., St. P. 5, Mi. 9-3267; H. R. Harris Co., Own., 807 13th Ave. S., Mpls. 4, Fe. 6-4388. [1934]

HARRIS, J. JOHN — 2519 Humboldt Ave. S. No. 206, Mpls. 10, Fr. 7-6721; Retired. [1934]

HARRIS, NATHAN — 2833 Drew Ave. S., Mpls. 16, Wr. 6-3864; Consultant [R] [1925]

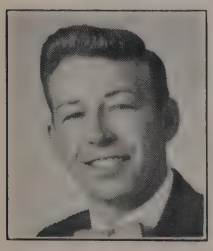
HART, IRA B.—4405 Dunberry Lane, Mpls. 24, Wa. 6-5775; Shell Oil Co., Div. Engr., 100 N. 7th St., Mpls. 3, Fe. 5-6711. [1953]

HARTIG, HENRY E. — 3940 Lake Curve Ave., Robbinsdale 12, Ke. 7-2484; Univ. of Minn., Prof. Elec. Engr., Dept., Mpls. 14, Fe. 2-8158. [R] [1936]

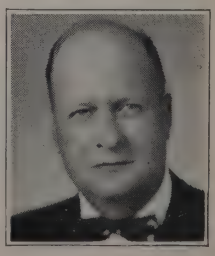
HARTMAN, RAY A. — 6920 Oakland Ave. S., Mpls. 23, Un. 9-9321; Mpls. Honeywell, Supv., 2753 4th Ave. S., Mpls. 8, Fe. 2-5225 Ext. 2905. [1960]

HARTMAN, WILLIAM T.—4235 20th Ave. S., Mpls. 7, Pa. 9-5929; Ellerbe & Co., Engr., 333 Sibley St., St. Paul, Minn., Ca. 2-6696. [R] [1937]

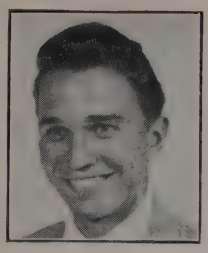
HARVEY, MONROE L.—4805 Garfield Ave., Mpls. 9, Ta. 4-1475; Worthington Corp., Branch Mgr., 807 13th Ave. S. Mpls. 4, Fe. 5-1192. [1942]



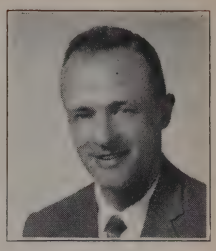
HASKINS, JAMES P.—665 57th Ave. N. E., Mpls. 21, Su. 8-7502; Minneapolis Honeywell Reg. Co. Production Eng., 1433 Stinson Blvd. Mpls. 13, St. 1-8011. [1959]



HAUCK, EUGENE C.—Rte. 3, Box 273T, Excelsior, Minn., Gr. 4-7308; Diamond Chain Co., Dist. Rep., 215 6th St. S. E., Mpls. 14, Fe. 8-6196. [1957]

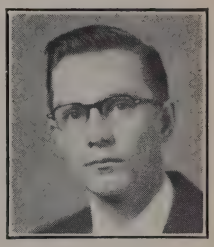


HAWES, ROBERT L.—1701 W. 183rd St., Homewood, Ill., Sy. 8-4046 Standard Oil Co., Railway Sales, 910 S. Michigan, Chicago, Harrison 7-9200. [1950]

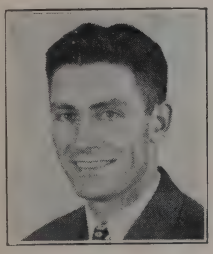


HAWLEY, NICHOLAS F. — 4838 Fremont So., Mpls. 9, Ta. 4-6161; Northern States Power Co., Emp. Mgr., 15 So. 5th St., Mpls. 2, Fe. 2-6251 Ext. 380.

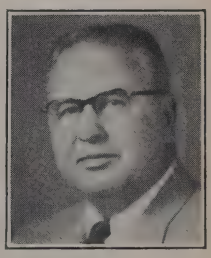
HAYDEN, HOWARD L.—2255 S. Shore Blvd., White Bear Lake, Ga. 9-4883; Hayden Hardware, Owner, 117 Wildwood Rd., White Bear Lake 10, Minn., Spring 7-6722. [1939]



HEAD, HARRY E.—1605 Pennsylvania, St. Louis Park, Mpls. 26, Li. 5-2310; Electric Machinery Mfg. Co., Control Engineer, 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751. [1953]

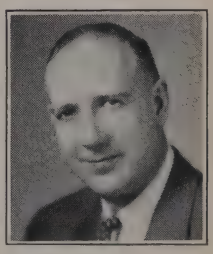


HEALY, CHARLES F. — 5545 Thomas Ave. S., Mpls. 10, Wa. 2-0355; Electrical Jobbers Equipment Co., Sales Engr., 619 4th Ave. S., Mpls. 15, Fe. 6-6321. [R] [1945]



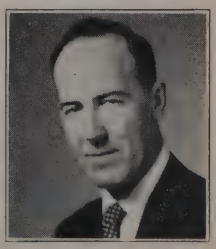
HEALY, JOHN J.—2713 W. 54th St., Mpls. 10, Wa. 6-7773; Gardner Hardware Co., V.P. & Sales Mgr., 515 Washington Ave. No., Mpls., Fe. 3-3393. [1951]

HEDGES, S. REED — 5133 10th Ave. S., Mpls. 17, Ta. 5-1762; Mpls. Moline Co., Mfgr. Engr., Hopkins, We. 8-3771. [1944]



HEETER, ROBERT E. — 6624 Lynnwood Blvd., Mpls. 23, Un. 6-6866; Mpls.-Honeywell, Staff Eng., 2753 4th Ave. S., Mpls. 8, Fe. 2-5225. [1957]

HEIMES, DONALD L. — 5701 Southwood Dr., Mpls. 20, Tu. 1-8703; Texaco, Inc. Asst. Div. Sales Mgr., 1730 Clifton Ave., Mpls. 3, Fe. 2-8486.



HELLAND, ARTHUR J.—319 Longview Terrace, Mpls. 19, Ta. 3-2035; Farmers & Mechanics Savings Bank, Asst. Vice Pres., 90 St. 6th St., Mpls. 2, Fe. 9-2515. [1957]

HELLING, LOREN A.—4901 Dawnview Terrace, Mpls. 22. Ju. 8-5841; Electro-Serv Co., owner; 4901 Dawnview Terrace, Mpls. 22. Ju. 8-0411. [1950]

HELMICK, DAN S.—Box 146A, Rte. 1, Wayzata, Minn.. Gr. 1-9447; Helmick & Lutz, Pres., 1315 Glenwood Ave. Fr. 7-5070. [R] [1921]

HENDERSON, DAVID E.—4401 Minnetonka Blvd., Mpls. 16, Wa. 2-9005; Mpls.—Honeywell Reg. Co., Mgr. Planning & Progr., 2753 4th Ave. S., Fe. 2-5225. [1953]

HENDRICKSON, NORMAN E.—4521 State Hiway No. 5, Mpls. 20, Tu. 1-2905. Retired. [R] [1923]

HENTGES, ROBERT A. — 5552 Queen Ave. S., Mpls. 10, Wa. 2-9066; Appraisal Service Co., V.P., 605 4th Ave. S., Mpls. 15, Fe. 8-0773. [1944]

HENTGES, ROMAN A.—2917 32½ Ave. N. E., Mpls. 18, St. 1-7800; C. Emery Nelson, Inc., Sales Engr., 2404 E. Henn., Mpls. 13, Fe. 1-1881. [1945]

HERBERG, SANFORD — 3915 First Ave. S., Mpls. 9, Ta. 3-4625; The Seagrave Corp., Factory Repr., Columbus, Ohio. [R] [1925]

HERITAGE, WILLIAM—5645 Blaisdell Ave., Mpls. 19, Ta. 4-1219. Retired. [1934]

HERRMANN, RAYMOND R. — 1357 Raymond Ave., St. P. 8, Mi. 6-3946; Consulting Engr., 1357 Raymond Ave., St. Paul 8, Mi. 6-3946. [R] [1924]

HEWITT, ROBERT H.—42 Summit Place, Mpls., Fr. 7-9867; St. Paul Foundry and Mfg., Sales Eng., 500 Como Ave., St. Paul 3, Hu. 8-2501. [R] [1955]

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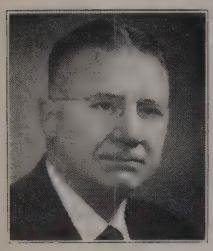
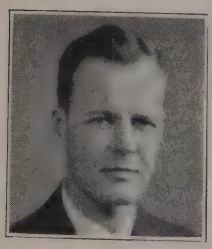
HIBBARD, C. TRUMAN — 230 Thorn St., Sewickley, Pa. Retired. [R] [1923]

HIGGIN, JOHN T.—3913 W. 58th St., Mpls. 24, Wa. 6-9333; Northern States Power Co. Sales Eng., 15 South 5th St. Mpls. 2, Fe. 2-6251. [1959]



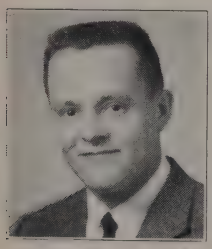
HIGHLY, FRANK M.—5770 Westbrook Rd., Mpls. 22, Li. 5-2489; American Bridge Div., U. S. S. Corp., District Contr. Mgr., 629 2nd St. S. E., Mpls. 14, Fe. 3-4358. [1958]

HILDEBRANDT, HENRY A. — 516 Pinehurst Ave., New York 88, N. Y. Retired. [1919]



HILL, HIBBERT M. — 4512 Wooddale Ave., Mpls. 24, Wa. 2-5212; Northern States Power Co., Chf. Engr., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1924]

HILL, JOHN W. — 3405 3rd Ave. So., Mpls. 8, Ta. 3-3737; Air Power Equip. Corp., Sales Engr., 2631 Univ. Ave., St. Paul 14, Mi. 5-5831. [1960]

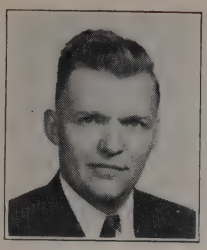


HILL, ROLAND R. — 229-B Fort Snelling, St. Paul 11, V. A. Hospital, Asst. Chief Eng., 54th St. & 48th Ave., Mpls. Pa. 1-2955.

HILLSTEDT, HUGO A.—4214 Maple Lane, Hopkins, Minn., We. 5-3046; R. & O. Elevator Co., Pres., 6045 Pillsbury Ave., Mpls. 19, Ta. 7-2963. [1946]

HINCKLEY, WILLARD H. — 811 13th Ave. S., P. O. Box 8, Grand Forks, N. D.; 2-1390. Retired. [1934]

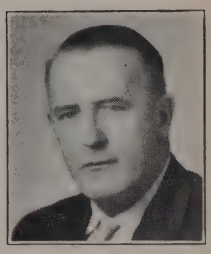
HINNERS, EARL S. — 4124 Forest Lane, Mpls. 16, St. L.P., Wa. 6-5887; N. W. Refractories Supply Co. V.P., 6524 Walker St., Mpls. 26, We. 9-7805. [1937]



HOAG, RAYMOND W.—Box 586B, Rte. 1, Excelsior, Minn., Gr. 4-9661; Link Belt Co., Sales Engr., 200 Lyndale Ave. N., Mpls. 5, Fe. 3-5575. [1947]

HOFFMAN, ALBERT E.—1618 Lincoln St. N. E., Mpls. 13, St. 9-1631; Electric Machinery Mfg. Co., Elect. Engr., 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751. [1943]

HOFFMANN, JOHN W.—1851 Wellesley Ave., St. Paul 5, Mi. 9-4169; Northern States Power Co., Mgr. of Research Fuel Procurement & Insurance, 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1957]



HOFSTRAND, HAROLD L. — 6219 Goodrich Ave., Mpls. 16, We. 9-8621; Egan, Field & Nowak, President, 129 W. Lake St., Mpls. 8, Ta. 7-1775. [R] [1956]

HOLCOMB, PAUL J.—6016 Knox Ave. S., Mpls. 19, Un. 6-7375; Bros, Inc., Mgr. Power Equip. Div., 1057 10th Ave. S. E., Mpls. 14, Fr. 1-5921. [1953]

HOLM, GILBERT O.—1776 Juliet Ave., St. P. 5, Mi. 8-6268; St. Paul Structural Steel Co., Sales Engr., 162 York Ave., St. P. 1, Ca. 2-1767. [R] [1951]

HOLMAN, BERNARD C.—2707 Kipling Ave., Mpls. 16, Wa. 2-8803; Mpls. Gas Co., Supt. of Metering, 700 Linden Ave., Mpls., Fe. 2-5133. [1957]

HOLMAN, WILLIAM F.—1233 Carlton Place., Santa Anna, Calif., Ki. 5-8942; Prof. Emeritus, U. of M. [R] [1918]

HOLMBERG, WALTER B. — 299 Capitol View, St. Pual 17, Iv. 4-4022; Industrial Specialist, U. S. Dept. of Int., Bureau of Indian Affairs, 2908 Colfax Ave. So., Mpls., Fe. 9-3612. [1944]

HOLMSTOEN, GILBERT A. — 1347 Kentucky Ave., Mpls. 26, Li. 5-1196; Mpls. Gas Co., Engr., 739 Marquette, Mpls. 2, Fe. 2-5133 Ext 337. [R] [1954]

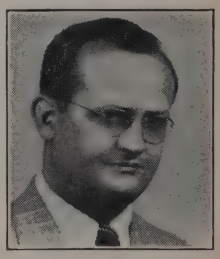
HOLTAN, HANS O. — 5020 12th Ave. S., Mpls. 17. Ta. 2-7878; Paper Calmenson & Co., Engr., Cnty. Rd. B & Walnut St., St. P. 8, Mi. 6-9456. [R] [1925]

HOLZER, EUGENE J. — 5336 Aldrich S., Mpls. 19, Ta. 4-9894; Engineered Sales Co., President, 314 W. 38th St., Mpls. 9, Ta. 4-0696. [1946]

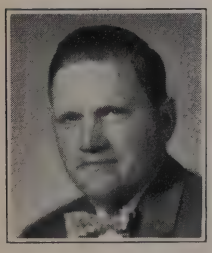
HOPKINS, JOHN E. — 5309 Woodale, Mpls. 24, Edina, Wa. 6-8662; North Star Concrete, Mgr., 1401 Arthur St. N .E., Mpls. 13, St. 1-2625. [1952]

HOPPER, RAYMOND E. — 6317 Valley View Rd., Mpls. 24, We. 9-2448; Mpls. Honeywell, Admn. Assist. 2753 4th Ave. So., Mpls., Fe. 2-5225 Ext. 2796. [1960]

HORNER, WILLIAM T.—2432 Stevens, Mpls. 4, Fe. 9-6452; Minneapolis Gas Co. Industrial Representative, 739 Marquette, Mpls. 2, Fe. 2-5133 Ext. 342. [R] [1959]



HORRELL, RAYMOND F. — 3005 Armour Terrace, Mpls. 18, St. 9-3364· Electric Machinery Mfg. Co., Chief Engr., Ind. Machines, Fe. 9-6751. [R] [1946]



HOTZFIELD, WM. A.—5613 Bernard Pl., Mpls. 24, We. 9-4224; M. N. & S. R. R., Executive Vice Pres., Pence Bldg., 911 Henn. Ave., Mpls. 3, Fe. 6-5301. [1955]

HOUCK, ROLLAND J. — Rte. 1, Box 483, Long Lake, Minn., Gr. 1-8336; Bemis Bros. Bag Co., Field Service, 305 27th Ave. N. E., Mpls. 18, St. 9-8821. [1945]

HUMPHRYS, LEE M. — 3312 France Ave. S., Mpls. 16, St. L.P., Wa. 6-1460; Mpls. Gas Co., Asst. Dir. Area Devel., 739 Marquette Ave., Mpls. 2, Fe. 2-5133 Ext. 418. [1946]

HUNTER, FRANK R. — 3070 Glenden Terr., Mpls. 22, Ju. 8-8283; Allis-Chalmers Mfg. Co., Dist. Mgr., 3033 Excelsior Blvd., Mpls. 16, Wa. 6-6571. [1960]

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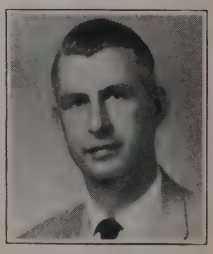
HUNTER, STANLEY C. — 11096 105th Lane N., Largo, Florida. [1932]

HUNTINGTON, PERIT F.—4009 Wood End, Dr., Mpls. 24, Edina, Wa. 2-2652; S. J. Groves & Sons Co., V.P., 500 Wesley Temple Bldg., Mpls. 3, Fe. 8-6943. [1933]

HURD, MARK M. — 955 Tornoe Rd., Santa Barbara, California; Mark Hurd Aerial Surveys, Inc., Chm. Bd., 5760 Dawson Ave., Goleta, Calif. [1939]

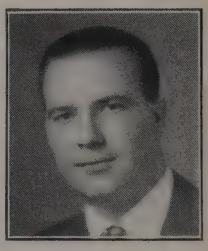
HUSKINS, WILLIAM E. — 1200 S. Cedar Lake Rd., Mpls. 16, Fr. 7-1097; Appleton Electric Co., Exec. Field Engr., 201 Sexton Bldg., Mpls. 15, Fe. 5-0991. [1953]

HUSTON, ROBERT A.—2610 Lee Ave. N., Mpls. 22, Minn., Ju. 8-5989; G. M. Orr Engineering Co., Cnst. Engr., 1104 Currie Ave., Mpls. 3, Fe. 8-4706. [R] [1916]



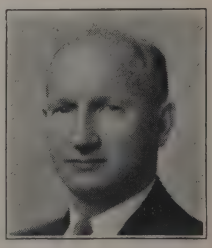
HUTCHINS, GERALD L.—6027 Knox Ave. S., Mpls. 19, Un. 9-1882, Alexander & Kingbay, Engr., 5603 Lyndale Ave. S., Mpls. 19, Ta. 9-4024. [R] [1955]

HUTCHINSON, EDWIN T.—4056 Salem Ave., Mpls. 16, St. L.P., Wa. 2-4689; Aluminum Co. of America, Mech. Engr., 4010 W. 65th St., Mpls. 24, Wa. 7-7051. [R] [1930]



IMME, HOWARD L. — 6124 Russell Ave. S., Mpls. 10, Minn., Wa. 6-6111; Farmers & Mechanics Savings Bank, Asst. to the V.P. of City Mortgage Dept., 90 S. 6th, Mpls. 2, Fe. 9-2515. [1951]

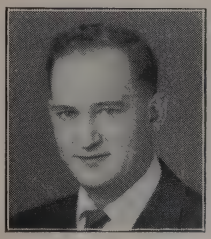
INGELS, ROY H. — 5114½ Hayter Ave. N., Lakewood, Calif.; Bechtel Corp., Sr. Power Engr., Vernon, Calif. [1937]



INGERSOLL, WARD H.—2444 Beverly Rr., St. P., 4, Mi. 6-3730; Mack Engr. Gen. Mgr., 2626 31st Ave. So., Mpls. 6, Pa. 1-2471. [R] [1934]

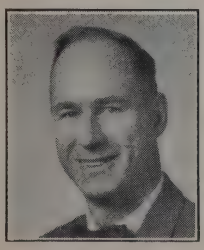
IRONS, ROY C. — 777 Holton, St. Paul 4, Mi. 4-9176; Roy C. Irons & Co., Owner, 777 Holton, St. Paul 4, Mi. 4-9176. [R] [1948]

JACKSON, CLYDE H.—6141 Concord Ave., Edina, Wa. 6-6807; Mpls.-Honeywell Reg. Co., Resr. Physicist, 500 Washington, Hopkins, We. 8-2701. [1951]



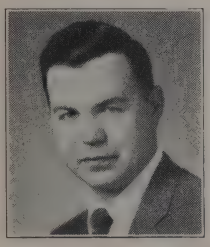
JACOBS, ROBERT V. — 6321 Warren Ave., Mpls. 24, We. 9-9329; Westinghouse Elec. Co., Elevator Division, Sales Egn. Grain Exchange Bldg., Mpls. Fe. 3-2553. [1951]

JACOBSON, ARTHUR C.—4515 Andover Rd., Mpls. 24, Wa. 2-7339; Arthur C. Jacobson, Mfgr. Rep., 338 E. Franklin Ave., Mpls. 4, Fe. 6-1805. [1939]



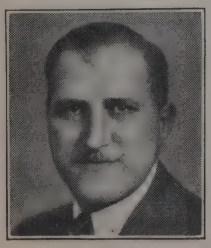
JACOBSON, ELTON J.—350 Althea Lane, Hopkins, We. 8-2575; Electric Machinery Mfg. Co. Development Eng., 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751. [1959]

JACOBSON, HOWARD C.—1484 Branston St., St. P. 8, Mi. 4-0343; Jacobson Machine Works, Inc., 1090 10th Ave. S. E., Mpls. 14, Fe. 1-1387. [R] [1925]

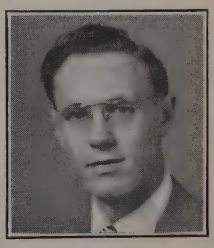


JACOBSON, RALPH E.—8008 5th Ave. S., Mpls. 20, Tu. 1-4366; R. A. Lundbeck Co., Engr., 1900 Univ. Ave., St. Paul 4, Mi. 6-4523. [R] [1958]

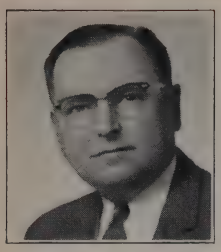
JAMIESON, MILTON T.—4133 W. 45th St., Mpls. 24, Morningside, Wa. 2-7842; Northern States Power Co., Gen. Supt., Mpls. Div., 15 S. 5th St., Mpls. 2, Fe. 2-6251. [1942]



JARCHOW, THEODORE L. — Rte. 2, Stillwater, Northern States Power Co., Gen. Supt. of Elect. Oper., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1941]



JENEWEIN, NEAL G.—1342 Hillcrest Dr., Mpls. 21, Fridley, Su. 8-6742; Elect. Mach. Mfg. Co., Control Engr., 800 Central Ave., Mpls. 8, Fe. 9-6751. [R] [1953]



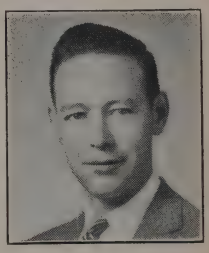
JENKINS, FELTON S. — 6221 Morgan Ave. So., Mpls. 23, Un. 9-1889; Mpls.-Honeywell, Resr. Engr., 2753 4th Ave. So., Mpls. 8, Fe. 2-5225 Ext. 2148. [1960]

JENKINSON, WALLACE B. — 17525 LaSalle St., Wayzata, Gr. 3-9584; Hydra-Powr Engineering, Sales Engr., 17525 LaSalle St. Wayzata, Gr. 3-9584. [1959]

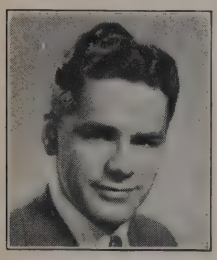
JENSEN, CARL T. — 3428 Edmund Blvd., Mpls. 6, Pa. 4-4856; Wheeler Lbr. Bridge & Supply Co., V.P., 3340 Republic Ave., St. L.Pk. 16, We. 9-7854. [1943]

JENSEN, HENRY A.—218 9th Ave. S. E., Mpls. 14, Fe. 6-2286; J-C Employment, Partner, 1190 N. W. Bank Bldg., Mpls. 2, Fe. 2-7585. [1955]

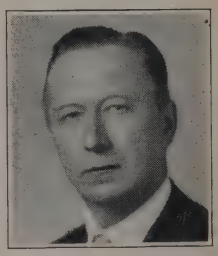
JENSON, OSCAR E. — 2348 Seabury Ave., Mpls. 6, Pa. 4-1772; Oscar E. Jenson, Genl. Cont., 2348 Seabury Ave., Pa. 4-1772. [1934]



JEPSON, THOMAS S.—6625 Newton Ave. S., Mpls. 23, Un. 9-4303; Northern States Power Co. Research Engr., 1518 Chestnut Ave., Mpls. 3, Fe. 8-7792. [R] [1959]



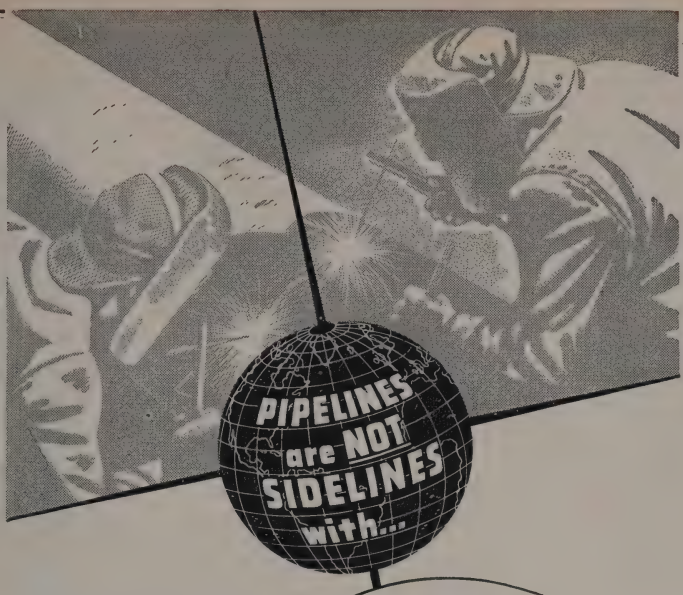
JERNBERG, EVERT H.—2008 W. Co. Rd. B, St. P. 13, Mi. 5-4725; Electric Machinery Mfg. Co., Chief Mech. Engr., 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751 Ext. 305. [R] [1945]



JIROUSEK, EDWARD H. — 155 95th Lane N. W. Anoka, Coon Rapids, Su. 4-1435; B. F. Nelson Mfg. Co., E. Engr., 401 Main St. N. E., Mpls. 13, Fe. 2-8411. [1957]

JOBES, MILTON N.—1524 James Ave. N.; Mpls. 11, Ja. 2-1231; Milton N. Jobes Contractor, Owner, 1524 James Ave. N., Mpls. 11, Ja. 2-1231. [1953]

JOHANSON, STEN E.—6112 S. Logan, Mpls. 19, Un. 9-9466; Mpls. Gas Co., Ind. Engr., 739 Marquette Ave., Mpls. 2, Fe. 2-5133. [1951]



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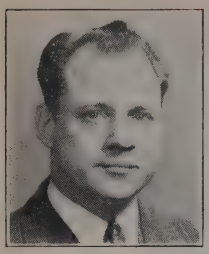
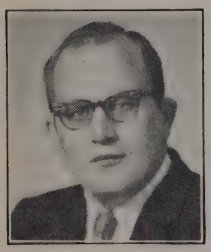


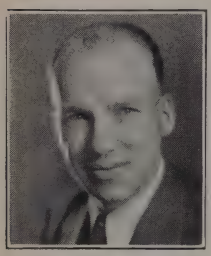
JOHNSON, ALTON M. — 523 Janalyn Circle, Mpls. 16, Tyrol Hills, Fr. 7-3656; Alton M. Johnson Co., Owner, 3119 Lynn Ave., Mpls. 16, Wa. 7-8741. [1945]

JOHNSON, BERTIL L. — 4437 Upton Ave. S., Mpls. 10, Wa. 6-3240; Designer & General Contractor. [1945]



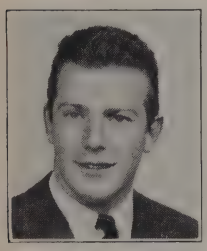
JOHNSON, CLAYTON R.—3121 Dakota Ave., Mpls. 16, We. 9-7972; Dugger & Johnson, Patent Attorney, 830 Midland Bank Bldg., Mpls. 16, Fe. 9-7078. [1959]

JOHNSON, ENAN C. — 4701 35th Ave. S., Mpls. 6, Pa. 4-5875; Northwestern Bell Tel. Co., Transmission-Maintenance Engr., 224 S. 5th St., Mpls. 2, Fe. 4-6509. [R] [1934]



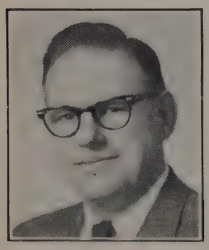
JOHNSON, GUSTAVE F.—4721 Annaway Dr., Mpls. 24, Northern States Power Co., Vice Pres., Finance, 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1932]

JOHNSON, HOWARD L. — 1996 Milwaukee Ave., St. P. 4, Mi. 6-2080; Northwestern Bell Tel. Co., Chf. Switchman, 70 W. 4th St., St. P. 1, Ca. 2-4211. [1942]

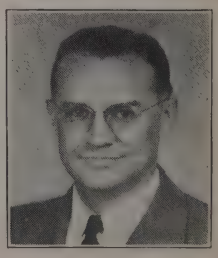


JOHNSON, IRVING H. — 2323 Lincoln St. N. E., Mpls. 18, St. 9-7750; Electric Machinery Mfg. Co., Mech. Dsgn. Engr., 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751. [1946]

JOHNSON, J. DAVID—1435 3rd Ave., Anoka, Ha. 1-1445; J. David Johnson Co., Pres., P. O. Box 588 Anoka, Ha. 1-1445. [1958]

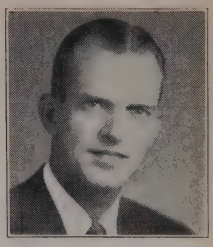


JOHNSON, J. VERNON—3117 Atwood Drive, Mpls. 26, We. 5-4848, Cargill, Inc. Assistant Chief Engr., 200 Grain Exchange, Mpls. 15, Fe. 8-8511 Ext. 721. [1959]



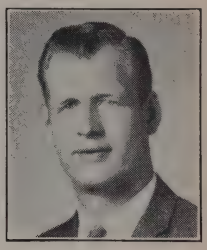
JOHNSON, JOHN A.—3417 16th Ave. S., Mpls. 7, Pa. 9-3036; Northwestern Bell Tel. Co., Engr., 224 S. 5th St., Mpls. 2, Fe. 2-4112. [1945]

JOHNSON, JOHN E. — 5520 Merritt Circle, Mpls. 24, We. 9-6997; Line Material Co., Reg. Mgr., 500 W. 79th St., Mpls. 20, Tu. 1-5841. [1944]

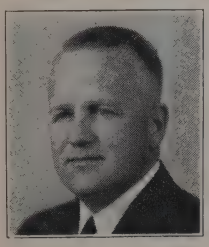


JOHNSON, KARL F.—5744 Upton Ave. S., Mpls. 10, Wa. 2-0750; The Pillsbury Co., Project Engr., 608 2nd Ave. S., Mpls. 2, Fe. 3-4151, Ext. 404. [R] [1958]

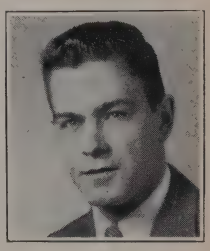
JOHNSON, LAURENCE V.—153 Montrose Place, St. P. 4, Mi. 4-6724; Soo Line Ry., Gen. Mgr., 1402 Soo Line Bldg., Mpls. 2, Fe. 2-1261. [R] [1932]



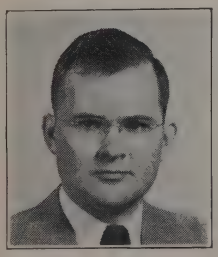
JOHNSON, LYNDEN H.—3951 Chowen Ave. So., Mpls. 10, Wa. 7-6346 City of Mpls. City Eng. Office, 203 City Hall, Mpls. 15, Fe. 2-1116 Ext. 309. [1959]



JOHNSON, MELVIN G. — 4632 Longfellow Ave., Mpls. 7, Pa. 4-1279; Ford Motor Co., C. Eng., 966 S. Miss. River Blvd., St. P. 1, Mi. 9-1321. [1938]

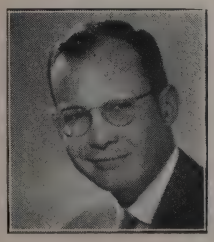


JOHNSON, PAUL J. — 4745 Washburn Ave. So., Mpls. 10, Wa. 6-6879; Viking Automatic Sprinkler Co., Vice Pres., 325 Roosevelt St. N. E., Mpls. 13, St. 1-9527. [1955]



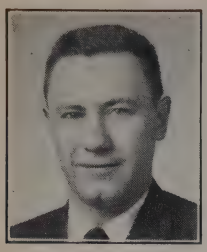
JOHNSON, PETER, JR.—4309 W. 42nd St., Mpls. 16, Wa. 6-1164; G. H. Tennant Co., Manager, Tech. Services, 701 N. Lilac Dr., Mpls. 22, Li. 5-3771. [1948]

JOHNSON, RAYMOND A.—4945 Morgan Ave. S., Mpls. 10, Wa. 6-8027; Bissell & Belair, Engr., 1111 Nicollet Ave., Mpls., Fe. 8-8924. [R] [1943]



JOHNSON, RICHARD F. — 3646 Burbridge Rd., Cleveland Heights 21, Ohio; Micro Sw. Div. of Mpls. Honeywell Sales Mgr., Cleveland, Ohio. [1951]

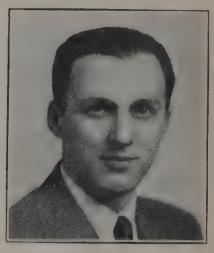
JOHNSON, ROBERT E.— 5508 Dundee Rd., Mpls. 24, Edina, We. 9-0724; Kibbey Engr. & Const. Co., Pres. 5508 Dundee Rd., Mpls. 24, We. 9-0724. [1938]



JOHNSON, REUBEN D. — Rte. 4, Excelsior, Gr. 4-7279; Aluminum Co. of America, Adm. Mgr., 4010 W. 65th St., Mpls. 24, Wa. 7-7051. [1959]

JONES, GEO. R.—5109 Blossom Court, Mpls. 24, We. 9-8933; Industrial Electric Co., Pres., 600 S. 9th St., Mpls. 4, Fe. 5-1268. [R] [1926]

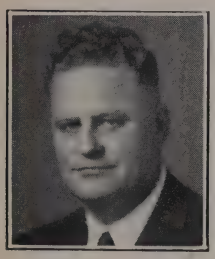
JONES, RALPH E.—1000 Bayless Ave., St. Paul 14, Mi. 4-8236; [1957]



JORDAN, J. ROY—2801 Pahl Ave. N. E. Mpls. 18, St. 9-2141; Northwestern Bell Tel. Co., Proj. Engr., 308 Wabasha, St. Paul 2, Ca. 1-5672. [1942]

JORDAN, ROBERT E.—3813 1st Ave. S., Mpls. 9, Ta. 2-9911; MacArthur Co., Sales Engr., 936 Raymond Ave., St. P. 14, Mi. 6-2773. [1933]

JOSEPH, THOMAS L.—1583 Northrop St., St. P. 8, Mi. 4-9785; Univ. of Minn., Prof. of Metallurgy, Mpls. 14, Fe. 2-8158. [R] [1935]



KAESS, HARRY G. — 2944 Princeton Ave., Mpls. 16, St. L.P., Wa. 2-7701; Mpls. Gas Co., Mgr. Sub. Facil., 739 Marquette, Mpls. 2, Fe. 3-1133 Ext. 357. [R] [1943]

KAMMERER, EARL W. — 7841 Eastwood Rd., Mpls. 21, Mounds View, Su. 4-2189; Electric Machinery Mfg. Co., Ch. Engr., Cont. Div., 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751. [R] [1943]

KAUTZ, MURRELL F.—4816 15th Ave. S., Mpls. 17, Ta. 5-7754; Mpls.-Honeywell Co., Design Supvr., 2753 4th Ave. S., Mpls. 8. Fe. 2-5225 Ext. 2114. [1957]

KELLEY, WILLIAM S., JR. — Long Lake, Gr. 3-8334; Kelley & Kelley, Inc., President, Landscape Contractors & Engrs., Long Lake, Gr. 3-7353. [R] [1941]

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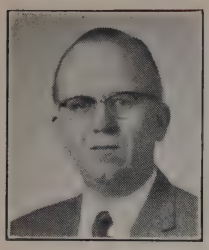
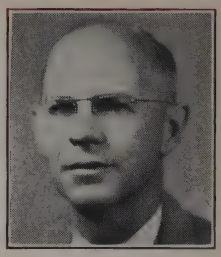
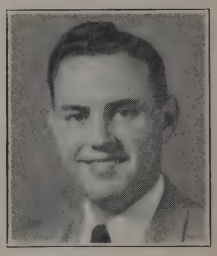


KEMPPAINEN, ARTHUR O. — 6036 Aldrich N., Mpls. 12, Ju. 8-5795; Northern States Power Co. Electrical Engr. Stations, 15 S. 5th St., Mpls. 2, Fe. 8-7792. [1959]

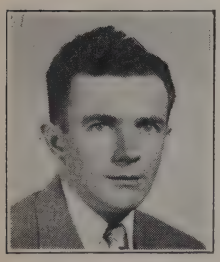


KENDRICK, G. MITCHELL—921 S. Beverly Lane, Arlington Hgts., Ill. Amer-Std Ind. Div. Reg. Mgr., 228 N. LaSalle St., Chicago 1, Ill. Financial 6-2531 [R] [1945]

KIESNER, FRANK C.—3452 45th Ave. S., Mpls. 6, Pa. 4-6143; Midco Register Corp., President, 1059 Grand Ave. S., St. Paul 5, Ca. 7-6321. [1956]



KILBY, JOHN A. — 308 Grove Place, Hopkins, We. 8-2257; Skarnes Engrng. & Supply Co., Sales Engr., 2907 E. Franklin Ave., Mpls. 6, Fe. 9-2719. [1954]



KINER, JOHN H.—4022 Colfax Ave. S., Mpls. 9, Ta. 4-9629; Ritchie Engr., Sales Engr., 2910 Lyndale Ave. S., Mpls. 8, Ta. 7-2517. [1948]

KING, ALLEN S. — 4210 Fremont S., Mpls. 9, Ta. 7-1064; Northern States Power, Pres., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [1954]

KINGSLEY, NEIL S.—5225 York Ave. S., Mpls. 10, Wa. 2-3558, Sales Engr. [1920]

KLASS, FRED — 5104 Skyline Drive, Mpls. 24, Edina, We. 9-8440; The Klass Co., V.P., 814 S. 9th St., Mpls. 4, Fe. 8-8427. [R] [1923]

KLASS, FREDERICK H. — Rte. 1, Box 86, Wayzata, Gr. 1-8235; The Klass Co., Pres., 814 S. 9th St., Mpls. 4, Fe. 8-8427. [1951]

KLASSY, KENNETH H. — 1970 Penn Ave. S., Mpls. 5, Fr. 7-2308; Lehigh Portland Cement Co., Civil Engr., 1212 First Nat'l. Bldg., Mpls. 2, Fe. 2-8651. [R] [1944]

KLEIN, VICTOR M. — 4410 Beard Ave. So., Mpls. 10, Wa. 2-8317, Minn. Engr. Co., Publ. Engr., 8001 Bloomington Freeway, Mpls. 20, Tu. 8-5511. [R]

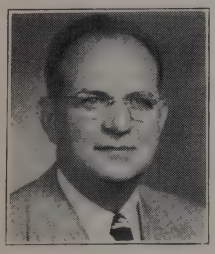
KLINGEL, THOMAS R. — 4106 Highwood Rd., Mpls. 5, Wa. 6-4254; Soo Line R.R. Co., 1520 1st Natl. Soo Line Bldg., Mpls. 2, Fe. 2-1261. [R] [1952]

KLINGELHOET, STEPHEN G.—5509 Woodlawn Blvd., Mpls. 17, Pa. 2-2550; F. H. Peavey & Co., Elect. Engr., 760 Grain Exchange, Mpls. 15, Fe. 3-0177. [1959]

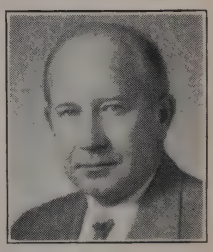
KNAPP, DONALD V.—9600 Logan Ave. N., Mpls. 12, Ha. 5-3208; Associated Consultants, Elec. Engr., Sexton Bldg., Mpls. 15, Fe. 9-7585. [R] [1958]

KNAPP, WM. W., JR. — 105 West Garden St., Rome, N. Y., Rome Cable, Div. of Alcoa, Mgr., Ridge Street, Rome, N. Y. [1937]

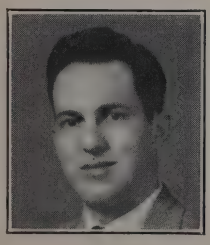
KNOLL, FRANK O. — 4048 Pleasant Ave., Mpls. 9, Ta. 2-0978; Northern States Power, Research Engr., 15 S. 5th St., Mpls. 2, Fe. 8-7792, Ext. 513. [R] [1954]



KOHOUT, FRANK J.—Route 1, Box 75, Wayzata, Gr. 1-9366; MacPherson Towne Co., Consulting Waterproofing Engineer, 3316 Gorham Ave., Mpls. 26, We. 9-5252. [1945]

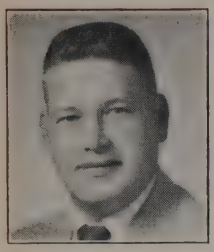


KOJOLA, RUDOLPH K.—3648 Hubbard Ave., Mpls. 22, Ju. 8-4980; Northern States Power Co., Chief Travelling Distribution Engr., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [1956]

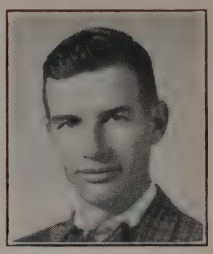


KOLAR, ROBERT J.—3430 Washburn Ave. N., Mpls. 12, Ja. 2-1079; Elec. Machy. Mfg. Co., Mech. Engr., 800 Central Ave., Mpls. 13, Fe. 9-6751. [R] Minn.-Penn. [1953]

KONOPKA, ERHARDT P.—3809 Sheridan Ave. S., Mpls. 10, Wa. 6-8949; General Mills Mech. Div., Devl. Engr., 1620 Central Ave. N. E., Mpls. 13, St. 9-8811. [1950]



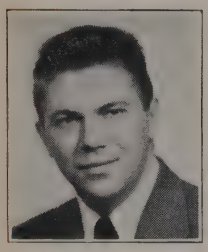
KOPONEN, IRVING H. — 1814 40th Ave. N. E., Mpls. 21, Su. 8-3294; Northern States Power, Elect. Engr., 15 S. 5th St., Mpls. 2, Fe. 8-7792 Ext. 162. [R] [1956]



KORTHOF, JACK—3113 32nd Ave. N. E., Mpls. 18, St. 9-3368; Northern States Power Co., Engr., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1956]

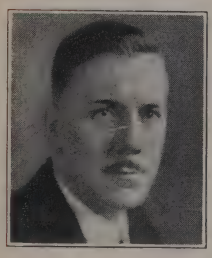
KOWALSKI, BENNETT R. — 1898 Pinehurst, St. Paul 16, Mi. 8-4163; Marshall & Stevens, Dist. Mgr., 414 Plymouth Bldg., Mpls 3, Fe. 2-2848. [1960]

KRAEMER, PAUL W. — 209 Farmdale Rd., Hopkins., We. 8-2474; Mpls. Gas Co., Vice Pres., 739 Marquette Ave., Mpls. 2, Fe. 2-5133. [R] [1949]

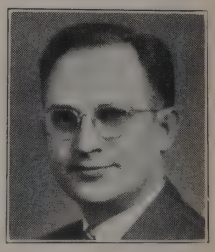


KRAUS, ALFONS N.—3012 Silver Lake Road, Mpls. 18, St. Anthony, St. 9-5314; Dean Castings Mfg. Co., Partner, 1220 3rd St. So., Mpls. 15, Fe. 3-3496. [1947]

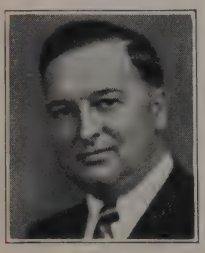
KREFTING, ARTHUR S.—4263 Webber Pkwy., Mpls. 12, Ja. 2-1805; Soo Line R.R., Asst. Chf. Engr., Bridges & Structures, First Natl. Bk.-Soo Line Bldg., Mpls. 2, Fe. 2-1265. [R] [1932]



KRIECHBAUM, JOHN P.—2938 Ewing Ave. S., Mpls. 16, Minn., Wa. 6-0171; Mpls.-Honeywell Reg. Co., Chf. Engr., 2753 4th Ave. S., Mpls. 8, Fe. 2-5225. [1933]



KRITZER, LOUIS W.—4848 4th Ave. S., Mpls. 9, Ta. 4-3328; Northwestern Bell Tel. Co., Proj. Engr., 224 S. 5th St., Mpls. 2, Fe. 2-4112. [R] [1941]



KROEGER, MICHAEL J.—4909 Browndale, Mpls. 24, Edina, Wa. 2-6754; Retired. [1934]

KRONMILLER, CARL G.—1901 N. E. 27th Dr., Ft. Lauderdale, Fla., Lo. 4-1540. Retired. [R] [1932]

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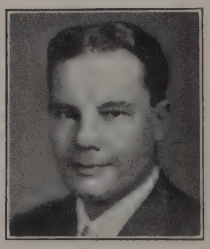
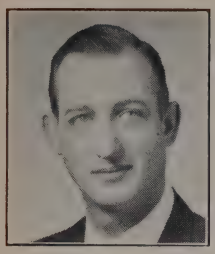
Dustex, Inc.
Sier'-Bath Gear & Pump Co., Inc.
Terry Steam Turbine Co.
U. S. Hoffman Co.
Stickle Steam Specialties Co.


Jack Marquard

1951 University Avenue, St. Paul 4, Minn. MIdway 6-9675



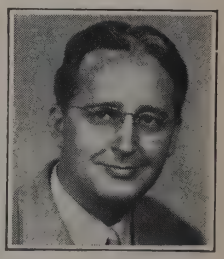
KROTH, THOMAS E.—4909 Garfield, Mpls. 9, Ta. 5-6369, Dorr-Oliver Inc., Sales Mgr., 2703 E. Lake St., Mpls. 6, Pa. 1-5711. [1958]

KRUMM, THOS. Z — 6604 Lynnwood Blvd., Mpls. 23, Un. 6-8558. Retired. [1620]

KUEMPEL, REUBEN — 4012 Linden Hills Blvd., Mpls. 10, Wa. 2-2194; Kuempel Chime Clock Co., Pres., 3611 Brunswick Ave. So., Mpls. 16, We. 9-4241. [1945]

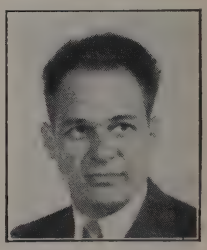
KUHLMAN, JOHN H.—2136 Penn Ave. S., Mpls. 5, Fr. 7-6139; Univ. of Minn., Prof. of Elec. Dsgn., Mpls. 14, Fe. 2-8158. [R] [1922]

KUHN, JOHN W. — 6200 Parnell Ave. So., Mpls. 24, Wa. 2-3868, Paul A. Laurence Co., V.P., 446 Builders Exch., Mpls. 2, Fe. 8-6751. [R] [1950]



KULLBERG, RAY E.—4808 W. Sunnyslope Rd., Mpls. 24, Edina, Wa. 2-8040; Kullberg Mfg. Co., Pres., 600 Main St. N. E., Mpls. 13, Fe. 9-6331. [1945]

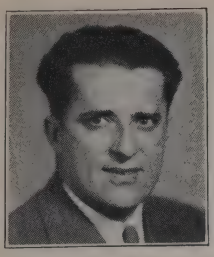
KUNITZ, HERMAN F.—3444 17th Ave. S., Mpls. 7, Pa. 4-0183; Retired. [R] [1933]



KUPHAL, R. M. — 6929 Valley View Rd., Edina, Mpls. 24, We. 9-4176; Ackron Bldg. & Supply Corp., Pres., 6532 Lyndale Ave. So., Mpls. 24, Un. 6-5069. [R] [1948]

KURTZE, HARRY A.—4852 14th Ave. S., Mpls. 17, Ta. 4-7637; E. J. Longyear Co., Resr. Engr., 76 S. 8th St., Mpls. 2, Fe. 9-7631. [R] [1938]

KUTSCHER, RICHARD H. — 1153 Brandon Road, Cleveland 12, Ohio, Fa. 1-6189; Electric Machinery Mfg. Co., Dist. Mgr., 1227 Williamson Bldg., Cleveland 12, Ohio, Ch. 1-6369. [R] [1936]



KUTZLER, ROBERT J.—8600 W. 29th, Mpls. 16, St. L.Pk., We. 8-2106; Mpls.—Honeywell Reg. Co., Engr., Fe. 2-5225. [1943]

KVITRUD, INGWALD—105 Lakewood Drive, Asheville, N. C. Retired. [1920]

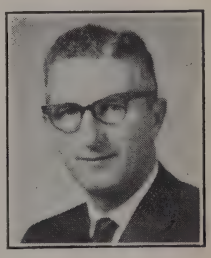
LACABANNE, WASHINGTON D. — 511 University Ave. S. E., Mpls. 14, Univ. of Minn., Assoc. Prof., Petroleum Engineering, 201 Mines & Metallurgy, Mpls. 14, Fe. 2-8158 Ext. 6415. [R] [1945]

LAGAARD, MAURICE B.—2802 E. Elm St., Tucson, Arizona; Univ. of Ariz., Assoc. Prof. of Civil Engr. [R] [1917]

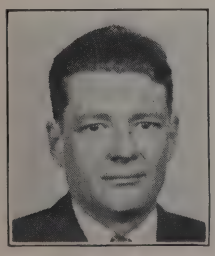
LAGERQUIST, CARL S. — 4802 Fair Hills Rd., Hopkins, We. 8-4486; Gust Lagerquist & Sons, Inc. V. Pres. & Sec'y., 614 Bradford Ave. N., Mpls. 11, Fe. 5-3235. [1924]

LAMB, BERNARD M.—1386 Burr, St. Paul 1, Pr. 4-7188; Fairbanks, Morse & Company, Sales Eng., 1121 Flour Exchange, Mpls. 15, Ca. 4-7603. [1959]

LAMBERT, HENRY A. — 4417 Josephine Lane, Robbinsdale 22, Ke. 7-0600; Henry Lambert Trucking Co., Pres., 101 1st Ave. N. E., Mpls. 13, Fe. 3-0565. [1942]



LaMERE, AURELE P. — 4513 Tower Ave. So., Mpls. 24, Wa. 6-7826; Mpls-Moline, Motec Engr., Div. Gen. Mgr., 2840 26th Ave. So., Mpls. 6, Pa. 4-2525.



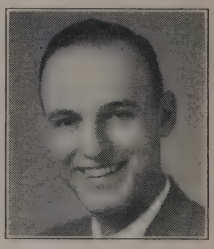
LANG, JAMES A.—3240 New Brighton Rd., Arden Hills, St. Paul 12, Me. 3-2179; Setter, Leach & Lindstrom, Chief Elec. Engr., 133 Foshay Tower Mpls. 2, Fe. 8-8741. [R] [1945]

LANGE, AUSTIN H. — Rte. 4, Box 369-D, Excelsior, Minn., Gr. 4-7259; Austin Lange Inc., owner Rte. 4, Box 369-D, Excelsior, Minn., Gr. 4-7259. [R] [1950]

LANGE, FRED F.—8024 W. 25th St., Mpls. 26, Li. 5-7821; The Mechanical Service Co., Pres., 1925 Nicollet Ave., Fe. 3-3207. [R] [1945]

LANGE, G. WILLIAM—1300 E. 93½ St., Mpls. 20, Tu. 1-3086; Mechanical Service Co., Sales Engr., 1925 Nicollet Ave., Mpls. 3, Fe. 3-3207. [1956]

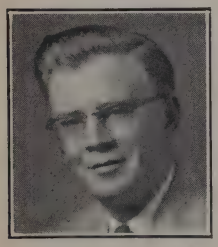
LANGLAND, HAROLD S. — 5340 Hampshire Dr., Mpls. 9, Ta. 2-8494; Stanley Iron Works, Inc., Secy-Treas., 3717 M'haha Ave., Mpls. 6, Pa. 2-6647. [R] [1927]



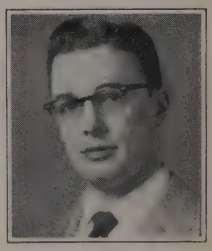
LA POINTE, EDWARD D., JR.—8307 Washburn Ave. S., Mpls. 20, Tu. 1-0255; Kehne Electric Co., Inc., Engr., 722 Raymond Ave., St. Paul 14, Mi. 6-2594. [1958]

LARSON, EUGENE—Deephaven Farm, Rte. 4, Wayzata, Greenwood 7-2281; E. J. Longyear Co., Sales Mgr., 76 S. 8th St., Mpls. 2, Fe. 9-7636. [R] [1934]

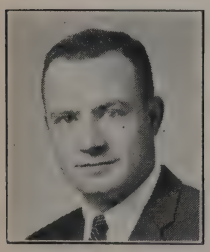
LARSON, LESLIE W.—1477 W. Iowa Ave., St. Paul 13, Mi. 4-7129; Northern States Power Co., Sales Mgr., 360 Wabasha St., St. Paul 2, Ca. 4-5515 Ext. 278. [1959]



LARSON, WESLEY J. — 7714 Upton Ave. S., Mpls. 23, Richfield, Un. 9-0922; Fairbanks, Morse & Co., Scale Dept. Mgr., 220 E. 5th St., St. Paul, Ca. 4-7603 Ext. 11. [1953]

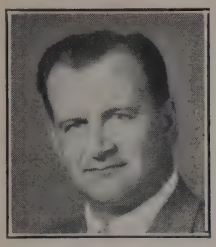


LASLEY, JEROME S. — 4926 Dupont Ave. S., Mpls. 9, Ta. 4-1831; Bergstrom Verbarg Co., Sales Eng., 634 Midland Bank Bldg., Mpls. 1, Fe. 9-0028. [R] [1955]

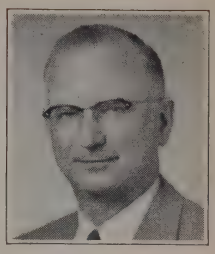


LATHAM, WILLIAM D.—4617 Drexel S., Mpls. 24, Wa. 2-5521; Northern States Power Co., Sales Eng., 15 South 5th St., Mpls. 2, Fe. 2-6251. [1959]

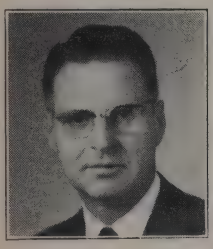
LAURENCE, PAUL A. — 5015 Dupont Ave. S., Mpls. 19, Ta. 2-9918; Paul A. Laurence Co., Pres., 446 Builders Exch., Mpls. 2, Fe. 8-6751. [R] [1922]



LAVISKE, IRVING C. — 2923 Ward Ave., LaCrosse, Wisc., Courtesy Corp., Pres., 2727 Losey Blvd., LaCrosse, Wisc., 2-5600. [1953]



LEE, IRVIN H.—1781 Co. Rd. H2, Mpls. 21, Su. 4-2256; Allis-Chalmers Mfg. Co., Field Engr., 3033 Excelsior Blvd., Mpls. 16, Wa. 6-6571. [1957]



LEE, JACK D.—3038 45th Ave. S., Mpls. 6, Pa. 9-0171; McCulloch Sales Co., Owner, 714 Portland Ave., Mpls. 15, Fe. 2-3644. [1958]

LEE, LESTER D. — 5117 Richmond Drive, Mpls. 24, Edina. We. 9-3915; Hitchcock and Estabrook Inc., Pres., 2101 W. 78th St., Mpls. 23, Un. 6-8793. [R] Minn., Wis., Ohio, Mich., Iowa, N. Dak., S. Dak. [1950]

LEE, OSCAR C.—2349 Valentine Ave., St. P. 8, Mi. 4-2106; Electric Machinery Mfg. Co., Cost Eng., 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751. [1943]

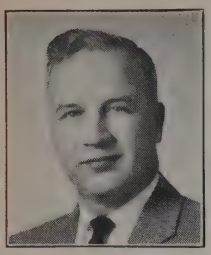
LEHNERT, WALTER E.—5209 Minnehaha Blvd., Mpls. 24, Edina, Wa. 2-4463; ADC Incorporated, Pres., 2833 13th Ave. S., Mpls. 7, Pa. 1-5551. [R] [1939]

LELAND, ORA M.—911 Fifth St. S. E., Mpls. 14, Fe. 1-1591; Dean Emeritus, Univ. of Minn. [1922]

LENARZ, JAMES A. — 6257 Sunny Lane, Mpls. 27, Ke. 7-3452; Mpls.-Honeywell, Engr. Test. Supv., 2753 4th Ave. So., Mpls. 8, Fe. 2-5225 Ext. 2905. [1960]

LESCH, RAYMOND T.—2712 44th Ave. N., Mpls. 12, Ja. 1-7706; Helmick & Lutz, Engr., 1315 Glenwood Ave., Fr. 7-5070. [R] [1942]

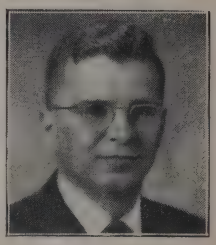
LETHERT, CARL W. — 1492 Lincoln Ave., St. P. 5, Mi. 8-7401; Northern States Power Co., Dist. Engr., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1932]



LETOURNEAU, ROY G.—2706 Brookridge Ave., Mpls. 22, Li. 5-5700; Roy G. Letourneau Co., Pres., 3248 North 2nd St., Mpls. 12, Ja. 2-3364. [1959]

LETSON, DONALD E. — 4932 Newton Ave. S., Mpls. 10, Wa. 2-6037; Goodyear Tire & Rubber Co., Goodyear Tech., 5100 W. 35th St., Mpls. 16, Wa. 7-7381. [1945]

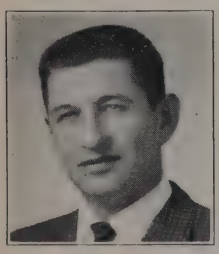
LEWIS, GEORGE R.—2036 Queen Ave. S., Mpls. 5, Fr. 7-2184; Geo. R. Lewis Co., Owner, 2036 Queen Ave. S., Mpls. 5, Fr. 7-5002. [1931]



LEWIS, GORDON C.—7428 Lyndale Ave. S., Mpls. 23, Un. 9-2376; George R. Lewis Co., Sales Engr., 2036 Queen Ave. S., Mpls. 5, Fr. 7-5002. [R] [1951]

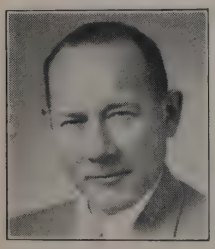
LIND, DONALD K.—320 N. 16th St., Menomonie, Wis., Ce. 5-7396; Fabri-Tek, Engr. Sales Mgr., Amery, Wisc.. Co. 8-7155. [1957]

LINDAHL, CARL W.—2642 Kent Road, Columbus 21, Ohio; Denison Engr. Div. American Brake Shoe Co., Works Mgr., 1160 Dublin Rd., Columbus, Ohio, Hu. 8-1191. [1938]

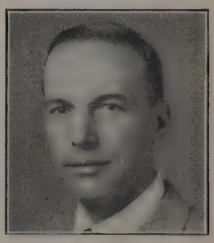


LINDEKE, WARREN E. — 541 Jefferson, Anoka, Ha. 1-7147; Layne Minnesota Co., Contr. Engr., 3147 California St. N. E., Mpls. 18, St. 1-9553.

LINDQUIST, ELMER H. — 2425 Vale Crest Rd., Mpls. 22, Li. 5-6294; Adjustable Joist Co., Exec. V.P., 2201 Foshay Tower, Mpls. 2, Fe. 9-8503. [1960]

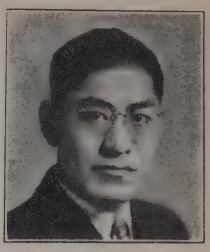


LINDQUIST, VERNON E.—13 West Shore Road, St. Paul 10, W. S. Nott Co., 201 N. 3rd St., Mpls. 1, V. P. Engineering, Fe. 3-6501. [R] [1958]



LINSLEY, SCOTT E. — 1269 W. Como Blvd., St. P. 3, Hu. 9-0579; Mpls.-St. Paul Sanitary Dist., Asst. Engr., 2400 Childs Rd., St. Paul 6, Pr. 1-8845 Ext. 13. [R] [1937]

LISK, ROBERT C. — 510 No. 16th St., Marshalltown, Iowa; Fisher Governor Co., Sales Mgr., Marshalltown, Iowa. [1946]



LONG, GEO. — 2645 Joppa Ave., Mpls. 16 St. L.P., Wa. 6-0164; General Mills, Inc., Central Resr. Dept., Prin. Mech. Engr., 2010 E. Hennepin Ave., Mpls. 13, Fe. 6-0371. [R] [1940]

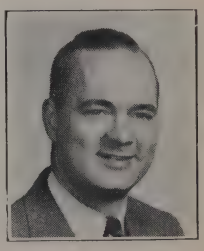
LONGYEAR, ROBERT D.—2843 Burnham Blvd., Mpls. 16, Fr. 7-1321; E. J. Longyear Co., Ch. of Bd., 76 S. 8th St., Mpls. 2, Fe. 9-7631. [R] [1928]

LOOS, CALVIN J. — 6809 Lyndale Ave. So., Mpls. 23, Un. 6-6554; N. W. Bell Tel. Co., Toll Term. Eqpt. Engr., 224 S. 5th St., Mpls., Fe. 4-6732. [R] [1940]

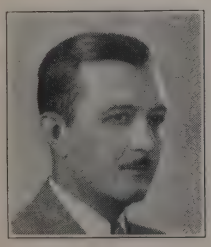
LOPER, DON R.—4520 Abbott Ave. S., Mpls. 10, Wa. 2-0687; St. Paul Foundry & Mfg. Co., Salesman, 500 Como Ave., St. Paul, Hu. 8-2501. [1919]

LOUGHLAND, GEORGE E. — 1420 Alpine Pass, Mpls. 16, Ty. Hl., Fr. 7-5854; Retired. [1924]

LOVELESS, CLARENCE A.—4701 W. 40th Lane, Mpls. 16, Wa. 6-6941; Sangamo Electric Co., Dist. Mgr., 4950 Excelsior Blvd., Mpls. 16, Wa. 6-9800. [R] [1946]



LOVRIEN, J. K. — Rte. 1, Box 422, Excelsior, Gr. 4-6819; Link Belt Co., Chf. Engr., 200 Lyndale Ave. N., Mpls. 5, Fe. 3-5575. [R] [1947]



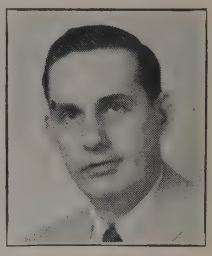
LOWRY, HARRY K. — 1322 Oakridge Rd., Falls Church, Va.; U. S. Navy, Budocks Mgr. Tech. Programs Branch Budocks Annex Washington 25, D.C. Li. 5-6700. [R] [1939]

LUHMAN, JOHN D. — 1611 66th Ave. N. E., Mpls. 21, Su. 4-8787; Elect. Mach. Mfg. Co., Design Engr., 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751. [1957]

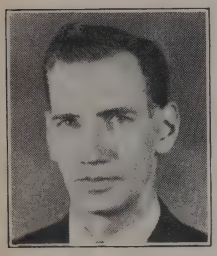
LUKSCH, ANDREAS — 4346 Wooddale Ave., Mpls. 24, Wa. 7-7466; G. H. Tennant Co., Mgr. Prod. Resr. & Devl., 701 N. Lilac Dr., Mpls. 22, Li. 5-3771. [1950]

LUND, CLARENCE E.—4817 12th Ave. S., Mpls. 17, Ta. 4-0335; Univ. of Minn. Prof. Mech. Engr., Univ. of Minn., Mpls. 14, Fe. 2-8158. [R] [1936]

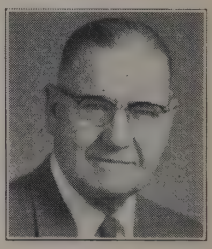
LUND, ELMER H.—6068 Knox Ave. S., Mpls. 19, Un. 6-9858; City Engr. Dept., Supt. of Streets, 203 City Hall, Mpls., Fe. 2-1116. [1934]



LUND, JAMES C.—2135 Richard Ave., White Bear Lake, 10, Ga. 9-7993; J. R. Clark Co. Engineer, Spring Park, Minn. Gr. 1-8466 Ext. 67. [1956]

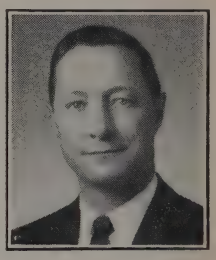


LUNDBERG, JOHN E.—7300 Chicago Ave., Mpls. 23, Un. 6-9873; Mpls.-Honeywell Reg. Co., Design Supervisor, 2753 4th Ave. S., Mpls. 8, Fe. 2-5225. [R] [1947]

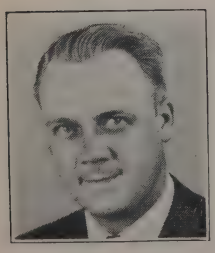


LUNDQUIST, HARRY W.—521 Diamond Lake Lane, Mpls. 19, Ta. 4-8113; Patterson-Sargent Co. "BPS" Paints & Varnishes, Mgr., 2295 Univ. Ave., St. Paul 14. [1957]

LUNN, ROBERT J. — 3238 Bryant Ave. So., Mpls. 8, Ta. 5-1975; Donaldson Co., Inc., Research Director, 666 Pelham Blvd., St. Paul 14, Mi. 5-3401 Ext. 315. [R] [1952]



LUTHER, VERNE—1517 Glenhill Rd., Arden Hills, Me. 3-3951; Layne-Minnesota Co., V. Pres., 3147 California St. N. E., Mpls. 18, St. 1-9553. [1949]



LYKKEN, HENRY G., JR. — 4508 Bruce Ave., Mpls. 24, Wa. 2-0846; Minneapolis-Honeywell Comptroller, 2753 4th Ave. S., Mpls. 8, Fe. 2-5225. [R] [1947]

MACGOWAN, IRVIN S. — 4725 Isabel Ave., Mpls. 6, Pa. 4-7704; Bethlehem Steel Co., Sales Engr., E 1417 First Natl. Bk. Bldg., St. P. 1, Ca. 4-4391. [1933]

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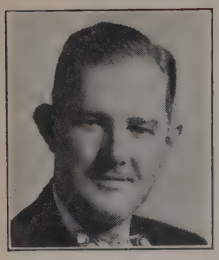
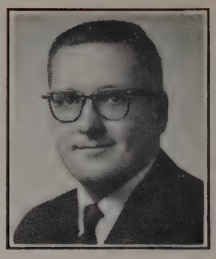
Glenn E. Seidel, Vice President, Engineering
Minneapolis-Honeywell Regulator Company

Glenn E. Seidel

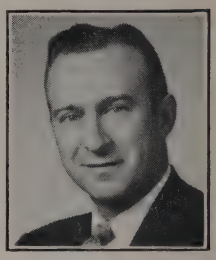


MAC IVER, CLIFFORD A. — 4915 12th Ave. S., Mpls. 17, Ta. 2-6962; Archer Daniels Midland Co., Gen. Supt. of Elev., 472 Grain Exch., 301 4th Ave. S., Mpls. 15, Fe. 3-2112. [1944]

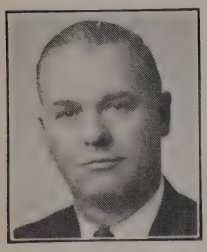


MADDEN, JOHN R. — 2535 Johnson St. N. E., Mpls. 18, St. 1-7313; Helmick & Lutz, Str. Engr., 1315 Glenwood Ave., Mpls. 5, Fr. 7-5070. [R] [1960]

MAGNEY, GOTTLIEB R.—5329 Washburn Ave. S., Mpls. 10, Wa. 6-3381; Retired. [R] [1932]



MAJOR, LLOYD H.—6208 Code Ave., Mpls. 24, We. 9-5327; General Electric Co. Sales Eng. 12 South 6th St., Mpls 2, Fe. 8-6771. [1959]



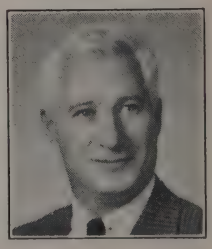
MALEK, S. K.—5873 Oakland Ave., Mpls. 17, Ta. 3-4927, Mpls.-Honeywell, Ch. Factory Cont. Engr., 2747 Fourth Ave. So., Mpls. 8, Fe. 2-5225. [1960]

MALONE, HOMER E. — 921 N. Marshall St., Milwaukee 2, Wis., Br. 3-4827; H. E. Malone, Consl. Engr., 759 N. Milwaukee St., Milwaukee 2, Wis., Br. 6-5174. [R] [1935]

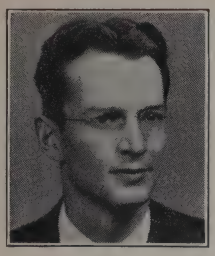
MANKE, HARRY C., JR.—N. W. Bell Tel. Co., 224 S. 5th, Mpls. 2, Fe. 2-4112. [1957]

MANSON, WALTER W. — 6500 France Ave. So., Edina, Minn., Wa. 7-7941, Employer's Mutuals of Wausau, Safety Engr., 400 Rand Tower, Mpls. 2, Fe. 3-2405. [1953]

MANUEL, DOUGLAS R.—2119 Oliver Ave. S., Mpls. 5, Fr. 7-3021; Frost Paint & Oil Corp., V.P., 1209 N. E. Tyler, Mpls. 13, St. 9-8871. [1925]

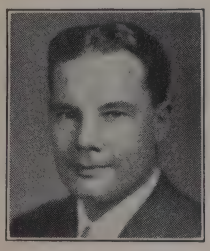


MARK, DONALD W.—1354 Eleanor, St. Paul 16, Mi. 9-0319; Setter, Leach & Lindstrom, Inc., Chief of Supervision, 133 Foshay Tower, Mpls. 2, Fe. 8-8741. [R] [1959]



MARKEY, STANLEY E.—5948 Dupont Ave. S., Mpls. 19, Ta. 4-0426; Fegles Power Service, Project Engr. Pathfinder Project, Sioux Falls, South Dakota. [R] [1945]

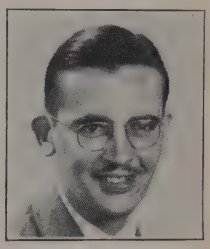
MARKSON, PAUL A. — 4125 Vincent Ave. N., Mpls. 12, Ja. 1-8537; Van Bergen & Markson, Partner, 3381 Gorham Ave., Mpls. 26, We. 9-4626. [1955]



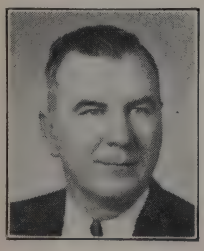
MARQUARD, JOHN I.—3427 N. Snelling Ave., St. P., Me. 3-1525; Northwestern Power Equip. Co., Own., 1951 Univ. Ave., St. P. 14, Mi. 6-9675. [R] [1935]

MARSH, G. EVERETT—588 Mt. Curve Blvd., St. P. 16, Mi. 9-9793; Bailey Meter Co., Dist. Mgr., 2395 University Ave., St. P. 14, Mi. 5-2524. [R] [1945]

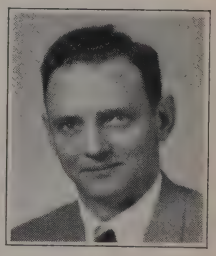
MARSHALL, CHESTER R. — 3604 Architect Ave., Mpls. 18, St. 9-3694. Retired. [R] [1929]



MARTINSON, EDWARD E. W.—7968 Edgewood Dr., Mpls. 21, Su. 4-2158; Mpls.-Honeywell Reg. Co., Sr. Engr., Design Analysis, 2753 4th Ave. S., Mpls. 8, Fe. 2-5225. [1942]

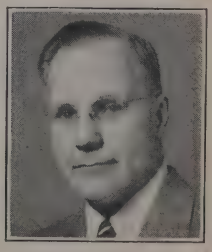


MASSIE, JAMES S.—1707 W. 26th St., Mpls. 8, Fr. 7-1441, Mpls.-Honeywell Reg. Co., Ind. Div., 6620 Telegraph Rd., Los Angeles 22, Calif., Ra. 3-6611. [1959]

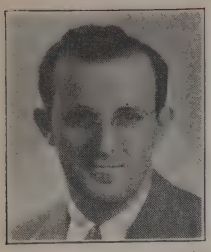


MATEFFY, HOWARD D. — 9213 15th Ave. S., Mpls. 20, Tu. 1-7169; Elliot Co., Dist. Mgr., 1729 Nicollet Ave., Mpls. 3, Fe. 3-5285. [1957]

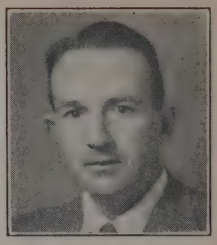
MAY, GEO. C. — 9889 Dellridge Rd., Mpls. 20, Tu. 1-4864; Geo. C. May Co., Owner, 3651 Cedar Ave., Mpls. 7, Pa. 9-9347. [1947]



MAYER, JOSEPH S.—1812 4th St. S. E., Mpls. 14, Fe. 1-7117; Northern States Power Co., Assist. Gen. Sales Mgr., 15 So. 5th St., Mpls. 2, Fe. 8-7792. [1954]



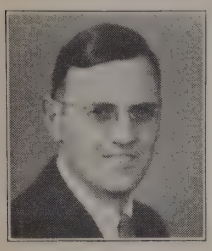
MAYERON, LEONARD — 1770 Beechwood Ave., St. P. 16, Mi. 9-4261; Mpls.-Honeywell Reg. Co., Chief of Components & Materials, 2753 4th Ave. S., Mpls. 8, Fe. 2-5225. [1944]



McCARTHY, DONALD W. — Box 118 A, Rte. 3, Wayzata, Gr. 3-6478; Northern States Power Co., Mgr. M'tonka Div. 464 2nd St., Excelsior. Gr. 4-8881. [1953]

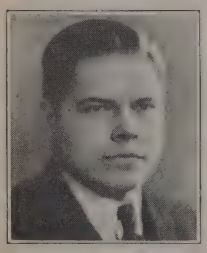
McCARTHY, J. FRED — 2037 Summit Ave., St. P. 5, Mi. 6-2040; McCarthy Well Co., Pres., 670 Eustis St., St. P. 14, Mi. 6-6571. [1931]

McCORMICK, PAUL J. — 9100 Cedar Lake Rd., Mpls. 26, Li. 5-9097; Yale Engr. Inc., 3012 Clinton Ave. So., Ta. 7-5331. [R] [1951]

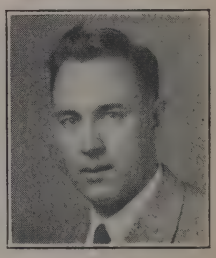


McGLADREY, LYLE L.—744 Birch St., Cloquet; Wood Conversion Co., Mech. Engr. [R] [1938]

McHARDY, ROY H.—Rt. 1, Box 178H Mound Gr. 2-1678. Retired. [R] [1942]



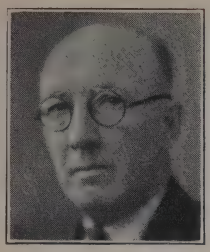
McILVAINE, WM. D. — 12425 Texas St., W. Los Angeles 25, Calif.; Univ. of Calif., Engr. Bldg., Unit No. 2, Los Angeles 24, Calif., Br. 2-6161 Ext. 603. [R]



McKEE, CHARLES A.—8325 14th Ave. S., Mpls. 20, Tu. 1-3319; Worthington Corp., Appl. Engr., 807 13th Ave. S., Mpls. 4, Fe. 5-1192. [1954]

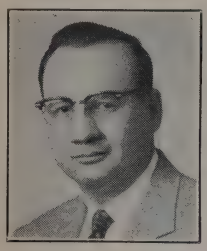
McLELAND, L. K.—St. Cloud; Northern States Power Co., Mgr., St. Cloud. [R] [1942]

McLOUTH, BRUCE F.—14909 Highland Lane, Hopkins, We. 5-1531; The Sales Engrs., Partner, 6524 Walker St., Mpls. 26, We. 9-7803. [1951]



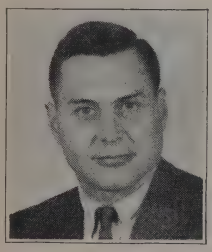
McMILLAN, HOWARD O.—2212 Sheridan Ave. S., Mpls. 5, Fr. 7-6620; M. & M. Wire Clamp Co., Pres., 983 17th Ave. S. E., Mpls. 14, Fe. 6-4517. [1924]

McWETHY, HAL E. — 2174 Doswell Ave., St. P. 8, Mi. 4-1674; Consulting Engr. [R] [1928]



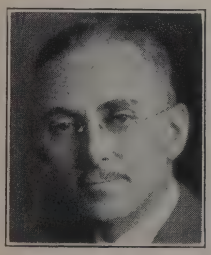
MECHLER, JOHN H.—3407 Pleasant Ave., Mpls. 8, Ta. 2-6343; Hartford Steam Boiler Inspection & Insurance Co. Inspector, 1009 Marquette Ave., Mpls. 3, Fe. 6-3331. [1959]

MEILE, FRED W.—2139 Fulham, St. P. 13, Mi. 5-3714; Mpls. Gas Co., Operations Analyst, 739 Marquette, Mpls. 2, Fe. 2-5133. [R] [1939]



MELCHER, ROBERT R.—309 Division St., Buffalo, Minn.; Tri-State Drilling Co., Sec'y.-Treas., Hwy. 55 West, Wayzata, Fr. 7-4740. [R] [1947]

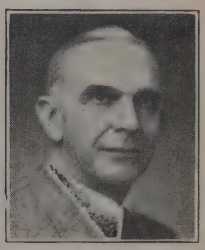
MELLEMA, GEO. R.—6225 Parkwood Rd., Mpls. 10, We. 8-1686; Geo. R. Mellema Co., Pres., 620 Plymouth Bldg., Mpls. 3, Fe. 2-0528. [1944]



MELLEN, ARTHUR F. — 25 Winding Way, Woodcliff Lake, New Jersey. Retired. [1919]

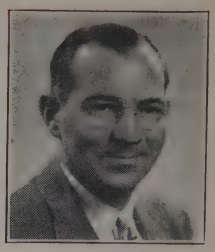
MERRIMAN, JOHN H.—4825 Emerson Ave. S., Mpls. 9, Ta. 2-5783; Northern States Power Co., 1518 Chestnut Ave., Mpls. 3, Fe. 8-7792. [R] [1932]

MEYER, ADOLPH F. — 1680 Johanna Blvd., St. P. 12, Me. 3-4130; Cnsl. Hydr. Engr., Mgr. Meyer Governor Co., 204 Baker Bldg., Mpls. 2, Fe. 2-0019. [R] [1919]

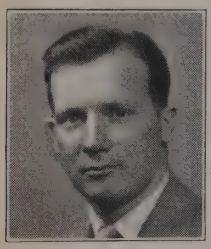


MEYER, HERBERT W.—4905 Garfield Ave. S., Mpls. 9, Ta. 4-8616; Retired. [R] [1922]

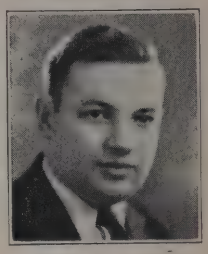
MICK, KERWIN L. — 639 E. 57th St., Mpls. 17, Ta. 2-3563; Mpls.-St. P. Sanitary Dist., Chf. Engr. & Supt., 2400 Childs Rd., St. Paul 6, Pr. 1-8845. [R] [1933]



MIKESH, JOHN J.—133 W. Aurora, Apt. 3, Ironwood, Mich, 2267; The Cherne Co., Inc., Ch. Engr., 104 S. Suffolk, Ironwood, Mich., 818. [1944]



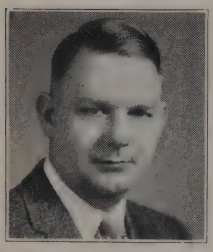
MIKKELSON, HENRY O.—5863 Blaisdell Ave. S., Mpls. 19; Henry O. Mikkelson, Own., 20 W. 59th St., Mpls. 19, Ta. 7-1131. [1938]



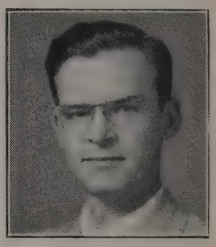
MIKULAK, JOHN—11 Pheasant Hill Dr., Far Hills, N. J.; Worthington Corp., Asst. to V.P. Chg. Mfg., 401 Worthington Ave., Humboldt 4-1234, Harrison, N. J. [1934]

MILLER, HARRY G. — 1763 Stanford Ave., St. P. 5, Mi. 8-8506; The Deep Draw Corp., V.P. & Gen. Mgr., 712 Ontario Ave. W., Mpls. 3, Fe. 8-7053. [1944]

MILLER, JOHN A. — 5602 Sherwood Ave., Mpls. 10, Edina, Wa. 2-5663; Rosco Mfg. Co., Chairman of The Board, 3118 Snelling Ave. S., Mpls. 6, Pa. 2-9595. [1935]

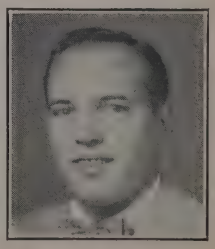


MILLER, KEITH I.—4105 Colfax Ave. S., Mpls. 9, Ta. 5-1077; American Bridge Div. U. S. S. Chief Est., 629 2nd St. S. E., Mpls., Fe. 3-4358. [R] [1958]



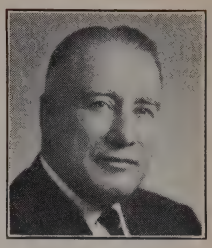
MIRICK, ROBERT B.—2172 Upper St. Dennis Rd., St. P. 16, Mi. 9-9849: Sanitary Farm Dairies, Inc., Vice Pres., 415 Grove St., St. Paul 1, Ca. 4-4991 Ext. 44. [R] [1951]

MITCHELL, JOHN G.—3128 W. Calhoun Blvd., Mpls. 16, Wa. 6-9485;Fairbanks Morse & Co., Mgr., 1121 Flour Exch., Mpls. 15, Fe. 2-4353. [R] [1941]

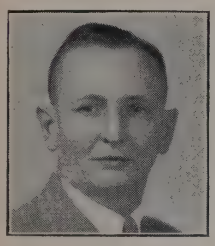


MOLL, DALE C. — 604 5th Ave. S., Hopkins, We. 8-2878; Western Mineral Products Co., Prod. Devl. Engr., 4725 Olson Memorial Hwy., Mpls. 22, Li. 5-0481. [1953]

MONAGHAN, JOHN F.—6650 Military, Ave., Omaha 4, Neb., Motorola Communications & Electronics Inc., Acct. Exec., 812 WOW Bldg., Omaha 2, Neb. [1957]

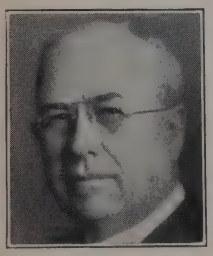


MOORE, HOWARD I.—1036 13th Ave. S. E., Mpls. 14, Fe. 1-7358; Board of Park Commissioners, Supt. of Parks, 325 City Hall, Mpls. 15, Fe. 2-1116. [1959]



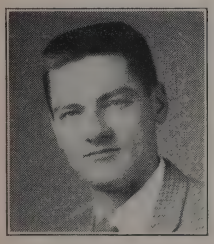
MOORE, JOHN H. — Ebasco Services, Inc., Mech. Engr., 2 Rector St., New York 6, N. Y. [R] [1935]

MOORE, MAURICE MALCOLM — 234 Ridgewood Ave., Mpls. 3, Fe. 6-4441; Moore, White & Burd, Partner, 710 Midland Bk. Bldg., Mpls. 1, Fe. 3-1494. [1936]



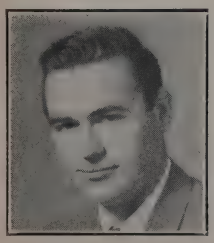
MOORE, O. F. — 1548 Hood Avenue, Baton Rouge, Louisiana. Retired. [1913]

MOORHEAD, JOHN K.—5420 Kellogg Ave., Mpls. 26, Wa. 6-9038; Moorhead Machinery & Boiler Co., V.P., 3477 University Ave., Mpls. 18, St. 9-2431. [R] [1946]



MORGAN, DAVID F.—2525 Westview Terrace, Mpls. 26, Li. 5-8145; Char Lynn Co., Prod. Mgr., 2843 26th Ave. So., Mpls. 6, Pa. 1-5761. [1958]

MORGAN, FRANK S. — 5809 Fairfax Ave., Mpls. 24, Wa. 2-5713; N. S. P. Co., Gen. Supt. of Bldgs., 15 S. 5th St., Mpls. 2, Fe. 8-7792 Ext. 359. [R] [1938]



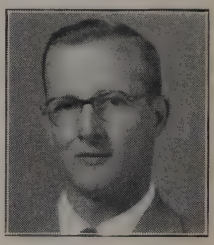
MORGAN, LEONARD D.—16611 Bywood Lane, Hopkins 24, We. 8-3474; Wagner Electric Co., Field Engr., 3000 University S. E., Mpls. 14, Fe. 8-5847. [1953]

MORRIS, FRANK A.—3122 W. Owasso Blvd., St. Paul 12, Iv. 4-2203; Pfeifer & Shultz, Engr., 700 Wesley Temple Bldg., Mpls. 3, Fe. 3-5563. [R] [1960]

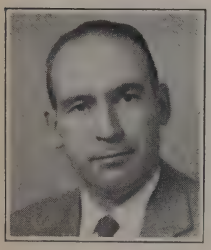
MOULTON, KARL — 221 Dexter Ave. S., Deland, Fla. Retired. [1930]

MUELLER, H. M. — 6768 Oliver Ave. S., Mpls. 9, Un. 9-5064; H. M. Mueller Corp., Pres., 3340 Gorham Ave., Mpls. 16, We. 9-6774. [1943]

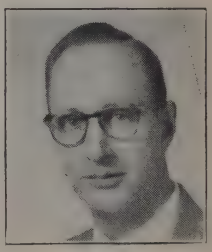
MULLIN, CLAYTON D.—1520 Chelmsford St., St. P. 8, St. A.P., Mi. 5-5912; Maico Co., Ch. Eng. Acoustic Prod., 21 N. Third St., Mpls. 1, Fe. 9-7041. [1951]



MURPHY, CHARLES F.—5001 Circle Down, Mpls. 16, Li. 5-2753; Gray Co., Inc., Asst. Chief Eng., 60 11th Ave. N. E., Mpls. 13, Fe. 6-9333. [1950]



MURPHY, CHARLES T.—5037 Yvonne Terrace, Mpls. 24, We. 9-1101; Hayden Murphy Equip. Co., V.P., 4501 Hiawatha Ave., Mpls. 6, Pa. 9-8308. [1955]



MYHRE, LELAND S. — 5900 Upton Ave. S., Mpls. 10, Wa. 6-0556; General Electric Field Engineer, 630 Plymouth Bldg., Mpls. 2, Fe. 8-6771.

NABBEN, MARVIN — 3521 46th Ave. S., Mpls. 6, Pa. 2-8195; Northern States Power Co., Agricul. Engr., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1946]

NAUGLE, CLIVE T.—1808 60th St. S., Gulfport 7, Florida; Di. 2-3305; Retired. [1925]

NELSON, A. HARVEY — 2746 Benjamin St. N. E., Mpls. 18, St. 9-3856; General Mills, Inc., Mech. Div., Dev. Engr., 1620 Central Ave. N. E., Mpls. 13, St. 9-8811. [R] [1942]

NELSON, ARTHUR X.—5917 Diamond Lake Lane, Mpls. 19, Ta. 4-8129; A. X. Nelson Co., Owner, 1300 Foshay Tower, Mpls. 2, Fe. 8-6579. [R] [1939]

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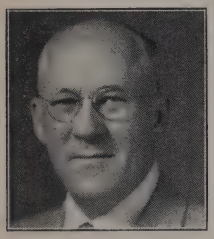
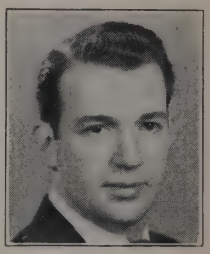
FARGO, NORTH DAKOTA
65 3rd St. N. Tel. 5-5563
GRAND FORKS, NORTH DAKOTA
2003 Skidmore Ave. Tel. 4-7412

NELSON, AXEL B.—3432 46th Ave. S., Mpls. 6, Pa. 9-8014; August Cederstrand Co., V.P., 966 Central Ave. N. E., Mpls. 13, Fe. 5-6745. [R] [1940]

NELSON, C. EMERY — 225 S. Manitoba, Wayzata, Gr. 3-6732; C. Emery Nelson, Inc., Pres., 2404 E. Hennepin Ave., Mpls. 13, Fr. 1-1881. [1939]



NELSON, CLARENCE H. — 340 E. Willow St., Detroit Lakes; Detroit Lakes Light and Water Dept., Mgr., Detroit Lakes. [R] [1927]

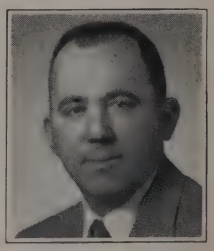


NELSON, EUGENE F.—Forest Lake; Electric Machinery Mfg. Co., Elec. Dsgn. Engr., 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751. [1949]

NELSON, FRITZ H. — P. O. Box 10365, Jefferson Sta., New Orleans, La. [1920]

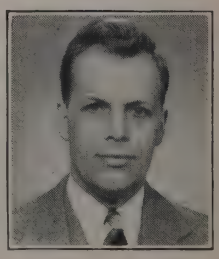
NELSON, MILTON C.—2280 W. Highway No. 36, St. Paul 18, Mi. 5-7257; Electric Machinery Mfg. Co., Sales Eng., 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751. [1959]

NELSON, NORMAN B.—601 E. Minnehaha Pkwy., Mpls. 17, Ta. 2-7208; Otis Elevator Co., Dist. Mgr., 1608 3rd Ave. S., Mpls. 4, Fe. 2-2505. [1947]

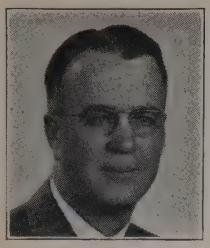


NELSON, O. JEROME—6118 Dupont Ave. S., Mpls. 19, Un. 9-6593; Univ. of Minn., Prin. Engr., Rm. 8, Admin. Bldg., Mpls. 14, Fe. 2-8158, Ext. 7211. [R] [1955]

NELSON, RICHARD L.—5211 11th Ave. S., Mpls. 17, Ta. 4-5082; Northwestern Bell Tel. Co., Plant Supt., 1021 Commerce Bldg., St. Paul 1, Ca. 2-4211. [1930]



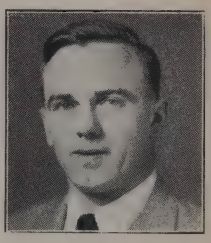
NELSON, ROBERT E. — 3920 Dakota Ave., Mpls. 16, St. L.P., We. 9-5176; General Electric Co., 12 S. Sixth St., Mpls. 3, Fe. 8-6771. [1948]



NESS, NORMAN R.—5745 11th Ave. S., Mpls. 17, Ta. 3-3389; Cosom Industries, Inc., Engr., 6030 Wayzata Blvd., Mpls. 16, Li. 5-2535 Ext. 15. [1944]

NETKOW, HAROLD M.—4010 Reservoir Blvd., Mpls. 21, Su. 8-5162; Rapinwax Paper Co., Design Engr., 150 26th Ave. S. E., Mpls. 14, Fe. 3-2353 [1958]

NEUBAUER, LAURENCE J.—4321 W. 42nd St., Mpls. 16, Wa. 2-5692; Ellerbe & Co., Mech. Engr., 333 Sibley St., St. Paul 1, Ca. 2-6696. [R] [1945]



NEUBAUER, VINCENT T. — 630 Adams St. N. E., Mpls. 13, Fe. 6-2576; Electric Machinery Mfg. Co., Elect. Dsgn. Engr., 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751. [1951]

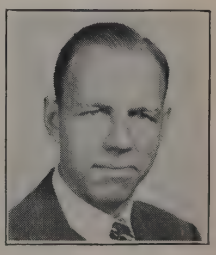
NEWBY, B. JOYCE — 4422 Loretta Lane, Hopkins, We. 8-2381; Oil Burner Service Co., Secy.-Mgr., 315 W. Lake St., Mpls. 8, Ta. 3-7288. [1942]

NICHOLS, ARTHUR R. — 5129 Wentworth Ave., Mpls. 9, Ta. 2-2963; Consl. Landscape Arch., 5129 Wentworth Ave., Mpls., Ta. 2-2963. [R] [1920]

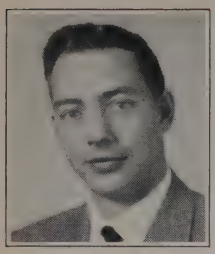
NICKELLS, STANLEY W.—16507 W. Holdridge Rd., Wayzata, Gr. 3-9410; Mpls.-Honeywell Reg. Co., Des. Supv., 2753 4th Ave. S., Mpls. 8, Fe. 2-5225. [R] [1945]

NIST, RICHARD T.—10346 Miss. Blvd., Coon Rapids, Ha. 1-8234 Truscon Steel Divn. Republic Steel Corp., Dist. Sales Mgr., 326 Longyear Bldg., Mpls. 2, Fe. 2-5537. [1951]

NOBLES, WARREN H.—Commodore Hotel, St. Paul 2, Ca. 6-1061; Nobles Engr. & Mfg. Co. Pres., 645 E. 7th St., St. Paul 6, Pr. 1-5581. [1940]



NORDEEN, HAROLD E. — 2024 W. Forrest Dr., Mpls. 23, Rich., Un. 9-3615; Armco Drainage-Metal Products, Inc., Engr., 4345 Lyndale Ave. N., Mpls. 12, Ja. 1-3506. [1946]



NORDEEN, LON O.—11125 Drew Circle, Mpls. 20, Tu. 8-1620; Gen. Elec. Co., Sales Engr., 12 S. 6th St., Mpls., Fe. 8-6771. [1957]

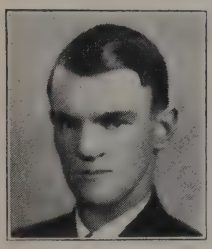
NORDQUIST, AXEL W. — 1816 Pierce St. N. E., Mpls. 13, St. 9-2119; C. W. Olson Mfg. Co., V. Pres., 1300 Quincy St. N. E., Mpls. 13, Fe. 5-1145. [1941]

NORDSTROM, MILTON EDWARD — 208 S. Meadow Lane, N. Tr. Hl., Mpls. 16, Fr. 7-7708; Cowin & Co., Inc., Pres., 940 E. Henn., Mpls. 14, Fe. 1-1834. [R] [1936]

NORDVALL, GLEN W. — 5252 36th Ave. S., Mpls. 17, Pa. 4-9222; Northern States Power Co., Budget Engr., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [1937]

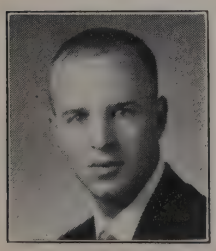
NORMAN, VERNON R. — 3253 48th Ave. S., Mpls. 6, Pa. 4-1223; Northwestern Bell Tel. Co., Proj. Engr., 303 Commerce Bldg., St. Paul 1, Ca. 1-5218. [R] [1934]

NORTH, CHARLES W.—Rte. 3, Deephaven, Greenwood 7-2092; Cedar Engineering, Inc., Director of Engineering, Crystal Airport, Crystal, Minn., Ke. 7-3971. [1955]



NORTON, VICTOR E.—Box 392, Rte. 1, Long Lake, Gr. 3-6329; Control Corp., Elec. Engr., 718 Central Ave. N. E., Mpls. 14., Fe. 5-7893. [R] [1938]

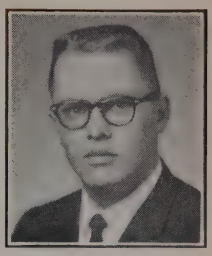
NYVALL, CLIFFORD S.—930 Angelo Dr., Mpls. 22, Golden Valley; Ju. 8-5771, P. J. Nyvall & Sons, Owner, 930 Angelo Dr., Mpls. 22, Golden Valley, Ju. 8-3981. [1926]



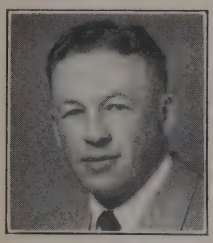
OARE, LESLIE M.—131 North Broadway, Wayzata, Gr. 3-6581; C. Emery Nelson Inc., V. Pres., 2404 E. Hennepin, Mpls. 13, Fe. 1-1881. [1959]

OATHOUT, DONALD—75C New England Ave., Summit, N. J., Crestview 7-0317; American Tel. & Tel. Co., Empl'mnt. Supvr., 195 Broadway, New York 7, N. Y., Exeter 3-3851. [1946]

OBERG, ORVILLE C.—1621 Adams St. N. E., Mpls. 13, St. 1-9115; Northern States Power Co., Sales Engr., 15 South 5th St., Mpls. 2, Fe. 2-6251. [R] [1959]

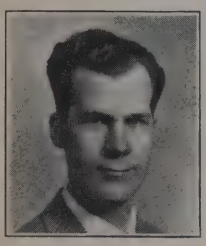


OHMAN, ROBERT L. — 532 Cheri Circle, Mpls. 21, Su. 8-1360; Layne Minnesota Co., Contr. Engr., 3147 California St. N. E., Mpls. 18, St. 1-9553. [1960]



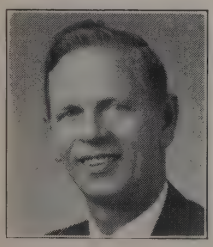
OLSON, CHESTER E.—3906 Burquest Lane, Mpls. 22, Ke. 7-6845; Electric Mach. Mfg. Co., Control Engr., 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751. Ext. 365 [R] [1953]

OLSON, C. JAMES—2624 Utica Ave., Mpls. 16, St. L. P., We. 9-6344; Dahlberg Co., Insp. & Methods, 7731 6th Ave. N., Mpls. 27, Golden Valley, Li. 5-3721. [1943]

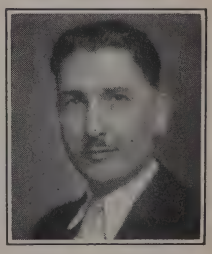


OLSON, EARL A.—1993 N. Aldine, St. P. 13, Mi. 4-6805; General Mills, Inc., Mech. Div., Principal Engr., 2003 E. Henn., Mpls. 13, Fe. 2-7481 Ext. 241. [R] [1942]

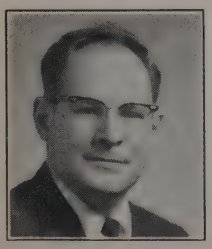
OLSON, GORDON G.—2163 Perry Ave. N., Mpls. 22, Ju. 8-4726; Allis-Chalmers Mfg. Co., Sales Rep., 3033 Excelsior Blvd., Mpls. 16, Wa. 6-6571. [R] [1946]



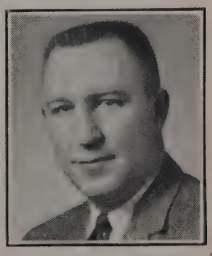
OLSON, HELGE G. — 5305 Penn Ave. S., Mpls. 19, Wa. 6-3706; City of Mpls., Supt., Div. of Bldg. & Grds, 203 City Hall, Mpls. 15, Fe. 2-1116, Ext. 309. [1939]



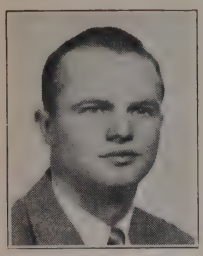
OLSON, HERMAN E. — Rte. 1, Box 382 C, Mound, Minnesota, Gr. 2-2806; Herman E. Olson, Eng., Architect & Planning. [R] [1924]



OLSON, JOHN H.—409 Jackson Ave. S., Hopkins, We. 8-4160; N. W. Bell Tele. Co., Engineer, 224 South 5th St., Mpls. 2, Fe. 2-4112. [1959]

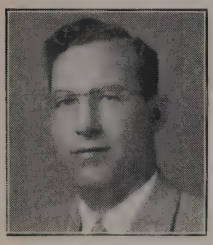


OLSON, MARRIAM D.—2318 Flag Ave. Mpls. 26, Li. 5-7552; Northern States Power Co., Supv. Engr., 15 So. 5th St., Mpls. 2, Fe. 8-7792 Ext. 487. [R] No. Dak. [1960]



OLSON, ODIN E.—4730 Diane Drive, Hopkins, We. 8-8725.; Pfeifer & Shultz, Elect. Engr., 702 Wesley Temple Bldg., Mpls. 3, Fe. 3-5564. [R] [1947]

OMAN, LLOYD L.—4240 11th Ave. S., Mpls. 7, Ta. 2-1633; Northern States Power Co., Mgr. Rate Dept., 15 So. 5th St., Mpls. 2, Fe. 8-7792. [R] [1944]



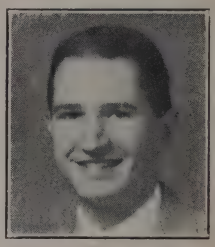
OREFALK, THURE — 7445 Blaisdell Ave. S., Mpls. 23, Un. 9-7750; Crown Iron Works Co., Plant Engr., 1229 Tyler St. N. E., Mpls. 13, St. 9-3556. [1951]

ORR, GEORGE M.—1100 West 53rd St., Mpls. 19, Ta. 4-2186; Orr-Schelen, Inc. Pres., 1104 Currie Ave., Mpls. 3., Fe. 8-4706. [R] [1958]

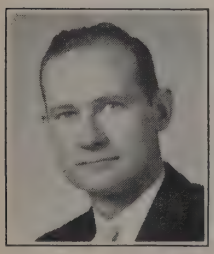
OSCARSON, GERHARD L.—1305 Raymond Ave., St. P. 8, Mi. 4-6496; Electric Machinery Mfg. Co., Appl. Engr., 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751. [R] [1943]

OSGOOD, ARTHUR B. — 72 Woodland Circle, Mpls. 10, Wa. 2-5562; The Day Company, Pres., 810 3rd Ave. N. E., Mpls. 13, Fe. 6-9671. [1930]

OSLUND, DANIEL L. — 3700 Grand Ave. So., Mpls. 9, Ta. 2-3037; D. L. Oslund & Son, Consulting Engr., Mech. & Electrical, 5400 Columbus Ave. So., Mpls. 13, Ta. 7-5079. [R] [1949]



OSTIEN, THOMAS M. — 510 17th St. S. W., Rochester At 2-9644; Rochester Materials Co., Gen. Mgr. Box 386, Rochester, At. 9-3391. [1953]

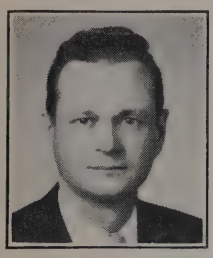


PACE SAMUEL O. — 5421 Oaklawn, Mpls. 24, Wa. 6-4898; N. W. Bell Tel. Co., Plant Ext. Engr., 224 S. 5th St., Mpls. 2, Fe. 4-6118. [1957]

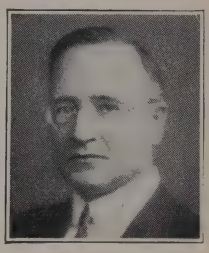
PACK, ROBERT F.—1818 Oliver Ave. S., Mpls. 5, Fe. 7-3063; Northern States Power Co., Chm. of Bd., 15 S. 5th St., Mpls. 2, Fe. 2-6251. [1923]

PALMER, STANLEY W. — 1214 Midvale Blvd., Madison, Wis. [1924]

PALMER, THEODORE H.—1879 Highland Pkwy., St. P. 16, Mi. 8-3213; Fire Brick Supply Co., Mgr., 1258 Donohue Ave., St. Paul 4, Mi. 6-6177. [1944]



PARKER, ARTHUR P. — 5804 W. 68th St., Mpls. 24, We. 9-7325; Parker Sales & Engr. Co., owner, 5804 W. 68th St., Mpls. 24, We. 9-7325. [1960]

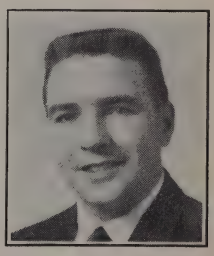


PARKER, WALTER H.—4416 E. Glenrosa Ave., Phoenix, Arizona; Prof. Emeritus, U of M. [R] [1920]

PARKS, ORVILLE J. — 9605 Sandra Lane, Hopkins, We. 8-3405; Bissell & Belair, Adm. Asst., 1111 Nicollet Ave., Mpls. 3, Fe. 8-8924. [1935]

PARROTT, SR. DAVID F. — Sheridan Hotel, 11th & Marquette Ave., Mpls. 3, Fe. 3-4133. Retired. [1925]

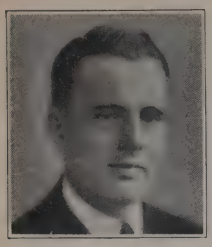
PARTEN, CARL D.—4809 Elliot Ave., Mpls. 17, Ta. 3-2747; Parten Machinery Co., Pres., 311 Portland Ave., Mpls. 15, Fe. 2-5411. [1934]



PATTON, THOMAS M. — 4654 Tyler St. N. E., Mpls. 21, Su. 8-1571; Rockwell Mfg. Co., Sales Engr., 122 So. Michigan Ave., Chicago 3, Ill. Ha. 7-7821. [1960]

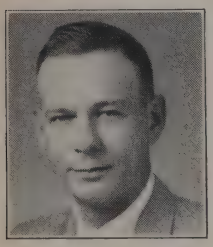
PATZ, JOHN C.—1176 Highland Pkwy., St. Paul 16, Mi. 8-7318; American Standard Industrial Div., Sales Engr., 610 Longyear Bldg., Mpls. 2. [1960]

PATTERSON, M. KINGSLEY — 1414 Tyrol Trail, Mpls. 16, Fr. 7-1671; Mpls. Gas Co., V.P., Research, 739 Marquette Ave. Mpls. 2, Fe. 2-5133. [1945]

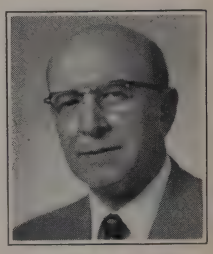


PAUL, FREDERICK L. — 135 Valley View Place, Mpls. 19, Ta. 4-9465; Archer - Daniels - Midland Co., Plant Mgr., 29th Ave. S. E. & C. G. & W. Tracks, Mpls., Fe. 3-2112. [1937]

PAUL, FREDERICK T. — 5600 Upton Ave. S., Mpls. 10, Wa. 2-5992; Member of Metropolitan Airports Commission, Twin City Planning Commission Griggs Midway Bldg., St. Paul. [R] [1916]

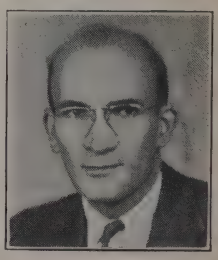


PEARCE, RICHARD L.—7212 Garfield Ave. S., Mpls. 23, Un. 9-3812; Gen. Elect. Co., Sales Engr., 12 S. 6th St., Mpls. 2, Fe. 8-6771. [1958]



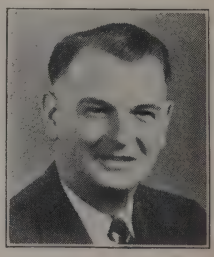
PECKHAM, HAROLD E.—3063 Shorewood Lane, St. P., 13, Me. 3-1403; Northern States Power, Gen. Supt. Gas Operations, 15 S. 5th St., Mpls. 2, Fe. 8-7792. [1955]

PEEBLES, JAMES H.—725 6th St. S. E., Mpls. 14, Fe. 1-2711; B. F. Nelson Co., Chief Engr. Supt., 401 Main St. N. E., Mpls. 14, Fe. 2-8411. [1953]



PEHOSKI, CHARLES J. — 2003 Place, St. P. 5, Mi. 9-9792; Bros, Inc., Proj. Engr., Power Eqpt. Div., 1057 10th Ave. S. E., Mpls. 14, Fr. 1-5921. [1946]

PELTOLA, EUGENE F. — 6421 11th Ave. S., Mpls. 23, Un. 9-9021; Ford Motor Co., Supv. Employee Services, 966 S. Miss. River Blvd., St. P. 1, Mi. 9-1321. [1944]



PERRY, JOHN E. — 4152 Browndale Ave., Mpls. 16, St. L.P., Wa. 6-6481; Allis-Chalmers Mfg. Co., Field Engr., 3033 Excelsior Blvd., Mpls. 16, Wa. 6-6571. [1944]

PERSON, KENNETH W.—4520Laguna Dr., Mpls. 24, Edina, Wa. 2-4547; Mpls. Gas Co., Vice Pres., 739 Marquette, Mpls. 2, Fe. 2-5133. [R] [1946]

PETERS, WALTER C. — 3011 Shorewood Lane, St. Paul 13, Me. 3-1644; Retired. [1955]

INDUSTRIAL ELECTRIC CO., Inc.
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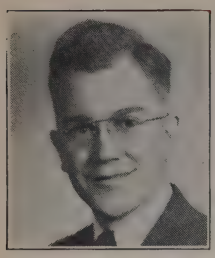
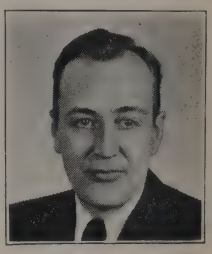


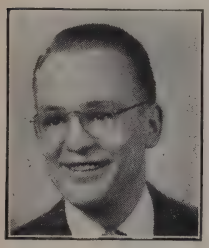
PETERSON, DELROY C. — 5915 Sunrise Drv., Mpls. 19, Wa. 6-7876; City Planning Comn., Chief of Operations Division, 501 City Hall, Mpls. 15, Fe. 2-1116, Ext. 576. [R] [1946]

PETERSON, DONALD C. — 4147 39th Ave. S., Mpls. 6, Pa. 9-4457; Northern States Power Co., Supt. of Sys. Oper., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1940]

PETERSON, E. R. T.—3633 45th Ave. S., Mpls. 6, Pa. 9-7506; Civil Engr. & Land Surveyor. [R] [1925]

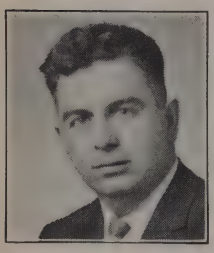


PETERSON, GUNNAR E.—5805 Halifax Ave. S., Mpls. 24, Edina; Wa. 2-6171; Flour City Ornamental Iron Co., Asst. Chief Engr., 2637 27th Ave. S., Mpls. 6, Pa. 4-5471. [1944]

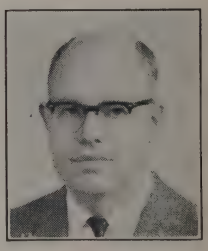


PETERSON, HENNING L.—3 Birch Lane, St. Paul 10, North Oaks, Iv. 4-1209; Northern States Power, Engr., 825 Rice St., St. Paul 17, Ca. 4-5515. [R] [1949]

PETERSON, P. IRVIN—4319 S. Cedar Lake Rd., Mpls. 5, St. L.P., Wa. 6-5095. [1945]

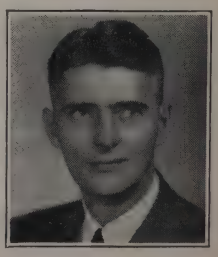


PETERSON, ROBERT H. — 2904 32½ Ave., Mpls. 18, St. 9-0382; Northern States Power Co., Electrical Engr., 1518 Chestnut St. N., Mpls. 3, Fe. 8-7792 Ext. 526. [1959]



PETERSON, STUART R.—3820 Inglewood Ave., St. Louis Park 16, Wa. 2-8708; Patent Attorney, 740 Rand Tower, Mpls. 2, Fe. 5-3632. [1956]

PETERSON, WILLIAM R.—7627 Dupont Ave. S., Mpls. 23, Un. 6-8056; Mpls. Gas Co., Ass't. Supt. Production, 739 Marquette Ave., Mpls. 2, Fe. 2-5133. [1957]

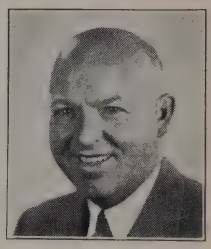


PFEIFER, JR., OTTO J.—5016 W. 44th St., Mpls. 24, Edina, We. 9-8080; Pfeifer and Shultz, Part., Prof. Engr., 700 Wesley Temple Bldg., Mpls. 3, Fe. 3-5564. [R] [1930]

PHILLIPS, HOLLAND W.—525 Sibley St., Savage, Minn., Tu. 1-1342; Dewey Portland Cement Co., Sls. Repr., Baker Bldg., Mpls. 2, Fe. 6-3918. [1955]

PHINNEY, LAWRENCE W.—1504 N. Hoffman, Park Ridge, Illinois, International Rectifier Corp., Dist. Mgr., 6453 Lincoln Ave., Chicago 45, Ill. [1938]

PIERCE, HOMER J.—314 W. Minnehaha Pkwy., Mpls. 19, Ta. 3-2543. Retired. [R] [1931]



PIKE, JOHN K. — 1104 W. Minnehaha Pkwy., Mpls. 19, Ta. 4-3441; General Electric Co., Mgr. User Industries Sales Div., 630 Plymouth Bldg., Mpls. 3, Fe. 8-6771. [1928]

PINKERTON, ELWOOD M.—124 Valley View Place, Mpls. 19, Ta. 2-0940. Retired. [1928]

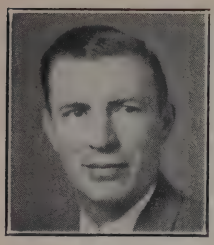
PINKNEY, ROBERT W. — 4615 Ellerdale Rd., Hopkins, We. 5-6221; Pinkney & Hine Co., Treasurer, 1925 Nicollet Ave., Mpls. 3, Fe. 8-0523. [1946]

PLUM, DON R. — 1910 Valley View Lane, Mpls. 21, Su. 4-3665; The Plum Co., Pres., 2295 Univ. Ave., St. Paul 4, Mi. 6-7451. [R] [1946]

POCOCK, MERTON A.—3810 Edmund Blvd., Mpls. 6, Pa. 4-1340; Merton A. Pocock, Mngmnt, Consl. Indus. Engr., 3810 Edmund Blvd., Mpls. 6, Pa. 4-1340. [R] [1922]

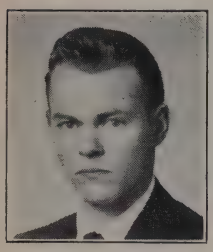
PODAS, CHARLES R.—335 E. 53rd St., Mpls. 17, Ta. 4-7713; Asso. of Pfeifer & Shultz, Cnsl. Engr., 702 Wesley Temple Bldg., Mpls. 4, Fe. 3-5564. [R] [1943]

PODAS, NORMAN F. — 1238 Randolph Ave., St. P. 5, Mi. 9-5786. Retired. [1930]



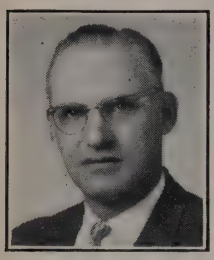
POLLOCK, DON. R.—5001 Queen Ave. S., Mpls. 10, Wa. 6-6143; Syntron Mpls. Sales Co., V. P. & Genl. Mgr., 2514 University Ave. S. E., Mpls. 14, Fr. 1-2269. [1953]

POND, FRANK R. — 5015 Bruce Ave., Mpls. 24, Edina, Wa. 7-8361; Refrigeration and Industrial Supply Co., Inc., Pres., 610 So. 10th St., Mpls. 4, Fe. 2-8577. [1937]



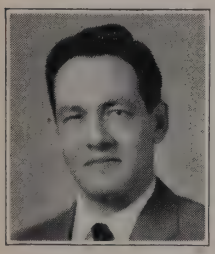
POOLER, ALBERT L.—3119 Sumpter Ave., Mpls. 26, We. 9-2160; Mpls. Gas Co., Suburban Manager, 739 Marquette Ave., Mpls. 2, Fe. 2-5133. [1959]

PORTER, ARTHUR G. — 6345 Washburn Ave. So., Mpls. 23, Un. 9-4414. Arthur G. Porter, Inc., Pres., Un. 9-2434. [1942]



POSTELS, RAYMOND C. — 5701 Knox Ave. So., Mpls. 19, Wa. 7-9073; Soo Line Railroad Engr. Main., 1520 Soo Line Bldg., Mpls. 2, Fe. 2-1261. [1960]

POWELL, KNOX A.—1969 E. River Terrace, Mpls. 14, Fe. 3-3029, Consultant. [R] [1942]



POWERS, RUSSELL C.—2501 W. 52nd St., Mpls. 10, Wa. 2-7343; Elec. Mchy. Mfg. Co., Design Engr., 800 Central Ave., Mpls. 13, Fe. 9-6751. [1957]

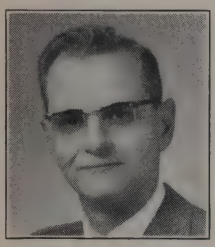
PRESTON, ROBERT S.—3332 Lee Ave. N., Mpls. 22, Golden Valley, Ju. 8-1588; Johns Manville, Sales Engineer, 3100 W. Lake St., Mpls. 16, Wa. 7-9991. [1956]

PREUS, C. K.—5544 Newton Ave. S., Mpls. 19, Wa. 6-5767; Minn. Dept. of Hwys., Engr. Mat. & Resr., State Highway Bldg., St. Paul 1, Ca. 2-3013 Ext. 3164. [R] [1935]

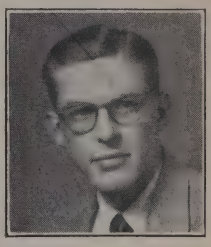
PREWETT, CLAY W.—1801 W. 86th St., Mpls. 20, Tu. 1-2140; Skelly Oil Co., Sales Engr., 1717 University Ave., St. Paul 4, 6-2551. [1959]

PRICE, ROBERT C.—6412 Rolf Ave., Mpls. 24, Edina, We. 9-2034; Remington Rand Univac, Elec. Engr., St. Paul [1943]

PRIESTER, GEORGE C.—814 Fulton St. S. E., Mpls. 14, Fe. 1-2567; Univ. of Minn., Prof. Emeritus, Dept. of Mathematics. [1919]

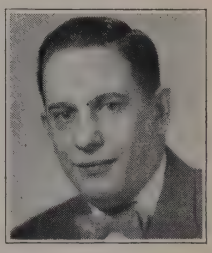


QUADE, JAMES L.—2628 Burd Place, Mpls. 26, Li. 5-9167; Commercial Air Cond. Inc., Sec.-Treas., 715 S. 8th St., Mpls. 26, Fe. 9-4585. [1958]



QUIST, HERMAN E., JR.—1 Norman Ridge Dr., Mpls. 20, Bloom., Tu. 1-0169; Mpls. Gas. Co., Mgr. of Dist., 501 W. 61st St., Mpls. 19. Fe. 2-5133, Ext. 256. [1952]

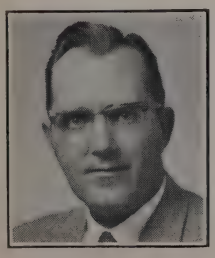
RADER, ARNOLD M.—3824 Beard Ave. S., Mpls. 10, Wa. 2-7630; Mpls. Gas Co., Asst. Vice Pres., 739 Marquette Ave., Mpls. 2, Fe. 2-5133. [R] [1938]



RAND, DEAN M. — 1316 44th Ave. N. E., Mpls. 21, Su. 8-2651; Gen. Elec. Co., Repair Specialist, 2025 49th Ave. N., Mpls. 12, Ja. 9-9502. [1957]

RANDALL, CHARLES W.—P. O. Box 43, Baker, Minn.; Ulteig Engr. Corp., Ch. Elec. Engr., 1114½ Front St., Fargo, N. D. [1945]

RANDALL, H. WARD — 2207 Doswell Ave., St. P. 8, Mi. 4-0228; Retired. [1932]



RANDGAARD, LOWELL E. — 10524 Zenith Ave. So., Mpls. 10, Tu. 1-2867; Kaiser Alum. & Chem. Sales, Sales Mgr., 3033 Excelsior Blvd., Mpls. 16, Wa. 6-1861. [1960]

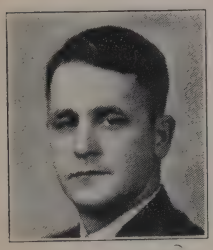
RATCLIFF, HORACE H. — 11 Lindworth Drive, St. Louis 24, Mo.; Wy. 3-5907; Cutler-Hammer, Inc., Dist. Mgr., 8118 Page Ave., St. Louis 30, Mo. [R] [1933]

RAVLIN, JOHN H.—1615 E. River Rd., Mpls. 14, Fe. 5-3786. Retired. [R] [1919]

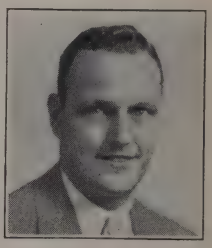
RAYMOND, R. X.—6924 Southdale Rd., Mpls. 24, Edina, Wa. 6-4776; R. X. Raymond Co., Own., 4604 Chicago Ave., Mpls. 7, Ta. 7-2641. [1934]

REIF, CHARLES C.—319 W. 50th St., Mpls. 19, Ta. 4-1133; Reif & Gregory, Partner, 2005 Rand Tower, Mpls. 2, Fe. 3-7522. [1930]

REINERTSEN, EDGAR W. — 4832 Maple Rd., Mpls. 24, Edina, Wa. 2-0316; Reinertsen Co., Partner, 3940 W. 49½ St. S., Mpls. 24, Wa. 2-1515. [1945]



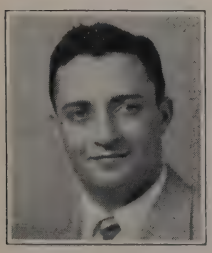
RENNE, ARTHUR C.—301 Washburn Ave. N., Mpls. 5, Fe. 5-3696; The Dayton Co., Bldg. Supt., 7th & Nicollet, Mpls. 2, Fe. 2-6123. [1939]



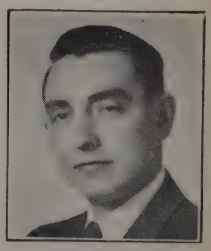
RENSCH, BOB—5044 Morgan Ave. S., Mpls. 19, Wa. 6-2620; Northwestern Bell Tel. Co., Division Engr., 224 S. 5th St., Mpls. 2, Fe. 2-4112. [R] [1942]

RHOADES, HERBERT E. — Sheridan Hotel, 1112 Marquette, Mpls. 3, Fe. 3-4133; Northern States Power Co., Administrator Personnel Development, 15 S. 5th St., Mpls. 2, Fe. 8-7792 Ext. 769. [R] [1935]

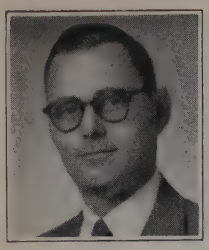
RICE, CORTIS N., JR. — 153 Interlachen Rd., Hopkins, We. 8-5809; Northern States Power Co., Operations Controller, 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1937]



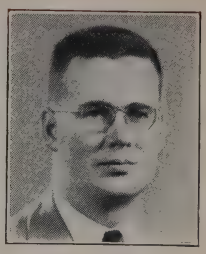
RICHARD, BRUCE A.—6207 June Ave. N., Mpls. 22, Minn., Ke. 7-5184; Northern States Power, Travelling Distribution Engr., 15 S. 5th St., Mpls. 2, Fe. 8-7792 Ext. 517. [1955]



RIEDNER, WILLIAM E.—2710 Vincent Ave. N., Mpls. 11, Ja. 1-2356; Riedner & Associates, Inc., Pres., 6005 Wayzata Blvd., Mpls. 16, Li. 5-7272. [R] [1959]

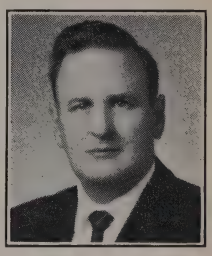


RISCH, MURRAY J.—4223 Scott Terrace, Mpls. 16, Wa. 6-3869; Minn. Electronics, V. P., 3546 Dakota Ave., Mpls. 16, We. 9-4687. [1955]



RITCHIE, JR., JOHN R.—4627 Browndale Ave., Mpls. 24, Wa. 6-0139; Ritchie Engineering Co., Pres., 2910 Lyndale Ave. S., Mpls. 8, Ta. 7-2517. [1947]

ROADERICK, M. S. — 5521 Halifax Lane, Mpls. 24, Wa. 6-1324; Roaderick Equip. Co., Pres., 7844 Fremont Ave. S., Mpls. 20, Un. 6-8423. [1937]



ROBBINS, DONALD L. — 1307 E. 92½ St., Mpls. 20, Tu. 1-1005; Northern States Power Co., Engr., 15 So. 5th St., Fe. 8-7792. [R] [1960]

ROBERTS, BERT H. — 4521 Arden Ave., Mpls. 24, Edina, Wa. 2-5542; Minneapolis Gas Co., V.P., Area Development, 739 Marquette Ave., Mpls. 2, Fe. 2-5133. [1938]

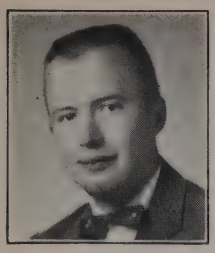
ROBERTSON, B. J.—18 Barton Ave. S. E., Mpls. 14, Fe. 6-4092; Prof. Emeritus, Univ. of Minn. [R] [1920]

ROBINSON, PARKE D.—Star R.F.D.I. Grand Marais, Minn., Phone 284; Richards Chemical Co., 715 Park Ave., Mpls. 15, Fe. 3-5831. [R] [1926]

ROBY, KENNETH K. — 5933 Walnut Dr., Mpls. 24, We. 5-2303. Retired. [1932]

ROCHE, THOMAS E. — 5007 Fremont S., Mpls. 19, Minn., Ta. 4-2466; T. E. Roche, Cnsl. Engr., Owner, 603 Sexton Bldg., Mpls. 15, Fe. 3-7611. [R] [1946]

ROGERS, LEE—4213 Cedar Lake Rd. S., Mpls. 5, St. L.P., Wa. 6-4195; Layne Minnesota Co., Pres., 3147 California N. E., Mpls. 18, St. 1-9553. [1936]



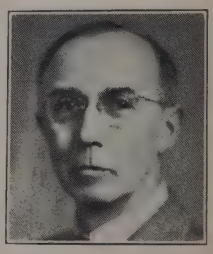
ROHNER, THOMAS G.—1059 12th Ave. S.E., Mpls. 14, Fr. 1-5891; Electric Machinery Mfg. Co., Research Engr., 800 Central Ave. N.E., Mpls. 13, Fe. 9-6751 Ext. 311. [1959]

ROLLIN, HAROLD E.—2935 Fremont Ave. N., Mpls. 11, Ja. 9-1716; Pioneer Engineering Works, Spec. Proj. Engr., 3200 Como Ave. S. E., Mpls. 14, Fe. 9-7511. [1946]

RONNING, MARTIN — 5401 Fremont Ave. S., Mpls. 19, Ta. 4-2316; Consulting Engr., Agr. Equip. [1935]

ROSENDAHL, HAROLD R. — 5330 Washburn Ave. S., Mpls. 10, Wa. 2-2722; Rosendahl Co., Pres., 5330 Washburn Ave. S., Mpls. 10, Wa. 2-2722. [1932]

ROTHROCK, GEORGE B.—3000 Croft Drive., Mpls. 18, St. 1-3064; American Bridge Divn., Mgr. & Engr., 629 S. E. 2nd St., Mpls. 14, Fe. 3-4358. [1957]



ROWLEY, FRANK B.—6928 Meadow Brook Blvd., Mpls. 26, We. 5-3188; Prof. Emeritus, Univ. of Minn. [R] [1917]

ROZSA, TIBOR A.—4838 Queen Ave. S., Mpls. 10, Wa. 6-5218; The Pillsbury Co., Tech. Dir., 116 3rd Ave. S. E., Mpls. 14, Fe. 3-4151. [R] Mo. [1949]

RUDDY, HUGH J. — 3921 W. 60th, Mpls. 24, Edina, Wa. 2-7939; Grinnell Co., Inc., Branch Manager, 623 Washington Ave. S., Mpls. 15, Fe. 2-0321. [1939]

RUSS, CLYDE A.—409 W. Minnehaha Pky., Mpls. 19, Ta. 2-5995; Cutler-Hammer, Inc., District Mgr., 4439 Hiawatha Ave., Mpls. 6, Pa. 1-4453. [1945]

RUTH, ROBERT J. — 5500 W. 92nd Place, Overland Park. Kansas, Ni. 8-4527; American Air Filter Co., Branch Mgr., 6315 Brookside Plaza, Kansas City, Mo., Em. 3-2686. [1951]

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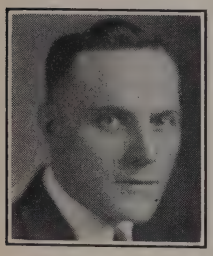
RUTHERFORD, FRANK W. — 1211 Blackthorn Pl., Deerfield, Ill., Wi. 5-4675; 3300 So. Wentworth, Chicago, Ill., Ca. 5-5405. [R] [1952]

RYAN, JAMES J. — 52 N. Mississippi River Blvd., St. P., W4, Mi. 6-3022; Univ. of Minn., Prof. Mech. Engr. Dept., Mpls. 14, Fe. 2-8158. [R] [1950]

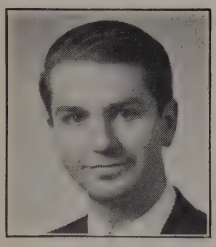


RYAN, ROBERT M.—3901 Lynn Ave., Mpls. 16, Wa. 6-1436; Northern States Power Co., Supt. Transmission & Distribution, 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1929]

RYDLUN, ARNOLD F. — 4817 Knox Ave. S., Mpls. 9, Wa. 2-2855; Dean L. Witcher, Inc., Estimator 400 2nd Ave. S., Mpls. 1, Fe. 5-6765. [1939]

SALISBURY, MACK L.—1470 Skyline Road, St. P. 18, Gl. 4-1730; Mach Engrneering Co., Own., 2626 31st Ave. S., Mpls. 6, Pa. 1-2471. [1951]

SAMPSON, JAMES—6416 Indian Hills Rd., Mpls. 24, We. 5-3531; Armco Drainage & Metal Prod., Inc., Division Sales Mgr., 4345 Lyndale N., Mpls. 12, Ja. 1-3506. [R] [1959]

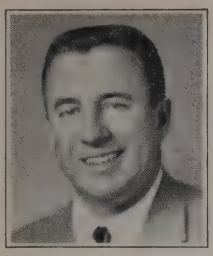


SAMSTAD, LAWRENCE E. — 5705 First Ave. So., Mpls. 19, Ta. 7-3956; Itasca Engineering, Inc., Pres., 3404 University Ave. S. E., Mpls. 14, Fe. 6-5595. [R] [1960]

SANDBERG, N. H. — 2028 Upper St. Dennis Rd., St. P. 5, Mi. 9-9198; Waldorf Paper Products Co., Exec. V. P., 2250 Wabash, St. P. 14, Mi. 6-7321. [1932]

SANDSTROM, PAUL A. — 5625 45th Ave. N., Mpls. 22, Robb., Ke. 7-7138; Mpls.-Honeywell Reg. Co., Sr. Dev. Engr., 2600 Ridgeway Rd., Mpls. 13, St. 1-8011. [R] [1950]

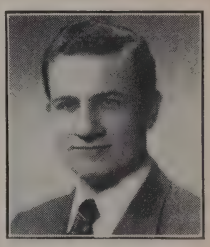
SAUBY, WESLEY O. — 3015 Arthur St. N. E., Mpls. 18, St. 1-9026; Electric Machinery Mfg. Co., Mech. Dsgn. Engr., 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751. [R] [1943]



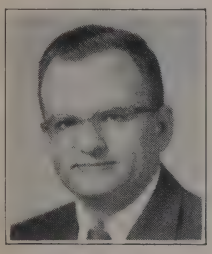
SAUNDERS, ROGER C.—715 Kenwood Pkwy., Mpls. 5, Fr. 7-6392; R. C. Saunders Sales Co., Owner, 715 Kenwood Pkwy., Mpls. 5, Fr. 7-6392. [1957]

SAVELA, EDWARD H.—1257 S. Cedar Lake Rd., Mpls. 16, Fr. 7-4739; Pako Corp., Production Mgr., 6300 Olson Hwy., Mpls. 27, Li. 5-3701. [1953]

SAXON, PAUL M. — 4522 Casco Ave., Mpls. 24, Edina, Wa. 6-9448; Saxon Rental Service, Own., 3252 Minnehaha Ave., Mpls. 6, Pa. 2-9030. [R] [1935]



SAYER, GEO. W.—Box 712, Rte. 3, Excelsior, Gr. 4-9516; Power Process Equipment, Inc., Pres. 746 Bldrs. Exch., Mpls. 2, Fe. 2-8861. [1952]



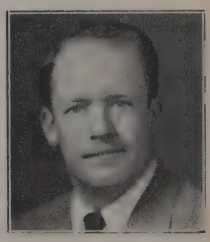
SCHIER, EARL CHARLES — 610 East 58th St., Mpls. 17, Ta. 4-6123; Continental Elec., Dist. Sales Mgr., 210 S. Fifth St., Mpls. 2, Fe. 3-8622. [1957]

SCHILLING, THEODORE F. — 712 Washington Ave., Elyria, Ohio, Endicott 5-1711; Manufacturers & Fabricators, Inc., Pres. & Gen. Mgr., West of Filbert St., Elyria, Ohio, Fairfax 2-5467. [R] Ohio [1926]

SCHISLER, PAUL M. — 216 Russell Ave. S., Mpls. 5, Fr. 7-1986; Schisler Supply, Owner, 324 N. 1st St., Mpls. 1, Fe. 3-1281. [1943]

SCHLENK, JOHN J.—2205 Riverwood Place, St. P. 4, Mi. 6-1903; Marsh & McLennan, Inc., Fire Prev. Engr., 1515 Northwestern Bk. Bldg., Mpls. 2, Fe. 6-5371. [1948]

SCHLICHER, DAVID W. — 7314 Morgan Ave. S., Mpls. 23, Rich., Un. 9-8262; Electric Machinery Mfg. Co., Devl. Engr., 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751. [R] [1944]



SCHMIDT, DAVID P.—Rte. 1, Box 226, Mound; Gr. 2-3133; Langford Elect. Co., Elect. Engr., 422 N. E. Roosevelt St., Mpls. 13, St. 1-4851. [R] [1951]

SCHOELL, WILLIAM D. — Box 339, Rte. 3, Wayzata, Greenwood 7-2835; Schoell & Madson, Partner, 2629 Louisiana Ave., Mpls. 26, St. Louis Park, We. 9-0444. [R] [1949]

SCHOTT, OSCAR A.—4224 Lynn Ave., Mpls. 16, Morn., Wa. 2-8880; Oscar A. Schott Co., Presid., 500 11th Ave. So., Mpls.4, Fe. 2-8971. [R] [1939]

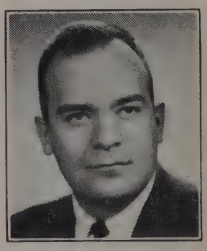
SCHROEDER, JOHN M. — 2303 E. Honwood, Grand Forks, N. D.; Midwestern Elec. Const., Pres., Box 667, Grand Forks, N. D., 4-7282. [1950]

SCHULER, CARL R. — 541 Janalyn Circle, Mpls. 16, Tr. Hl., Fr. 7-5758; Flour City Ornamental Iron Co., V.P. and Prod. Mgr., 2637 27th Ave. S., Mpls. 6, Pa. 4-5471. [1939]

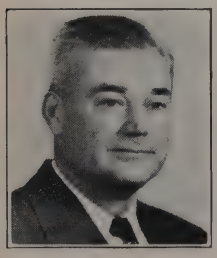
SCHULTZ, ALBERT W.—5204 France Ave. S., Mpls. 10, Wa. 2-7296; R. J. Mangan Co., Pres., 712 S. 10th St., Mpls. 4, Fe. 2-5301. [R] [1928]

SCHUSTER, GORDON L.—5809 Dewey Hill Road, Mpls. 24, Edina, We. 9-1704; Timesavers Inc., Pres.; 5270 Hanson Court, Mpls. 22. Ke. 7-8469. [1944]

SCHWANTES, ARTHUR J.—1815 Fairview Ave. N., St. P. 13, Mi. 4-5916; Univ. of Minn., Head, Dept. Agr. Engr., Univ. of Minn., St. P. 1, Mi. 6-4616. [R] [1935]

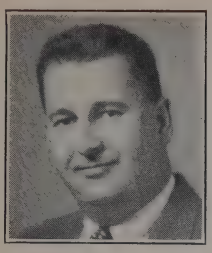


SCOTT, RALPH B.—4515 Bruce Ave., Mpls. 24, Wa. 6-6843; N. W. Nat'l. Bank, Asst. Dir. of Ind. Dev., 620 Marquette Ave., Mpls. 2, Fe. 2-0123 Ext. 791. [1959]



SCOTT, ROBERT B. — 5716 France Ave. S., Mpls. 10, Wa. 2-7849; Cooper Bessemer Corp., Branch Mgr., 5716 France Ave. S., Mpls. 10, Wa. 2-7849. [R] [1937]

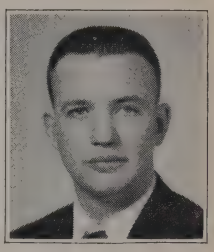
SEBO, ARTHUR O.—319 E. Wyoming St., St. P. 7, Ca. 4-8790. Retired. [1933]



SELL, ROBERT L.—4740 Girard Ave. S., Mpls. 9, Ta. 4-1631; Telex, Inc., Director Sales & Engr., Magnetic Components Div., 1633 N. Eustis, St. Paul 1, Mi. 6-7211. [R] [1954]

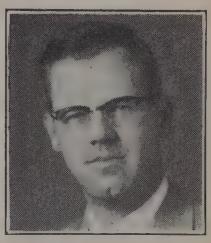
SEMAN, STEPHEN A.—1815 5th Ave. S., Anoka, Minn., Ha. 1-1406; Mpls. Gas Co., Ind. Engr., 739 Marquette Ave., Mpls. 2, Fe. 2-5133. [1954]

SEVEY, HOYT A.—170 Lake St., Excelsior; Hoyt A. Sevey Power Plant Equipment, Own., 1525 S. 5th St., Mpls. 4, Fe. 3-4913. [1934]

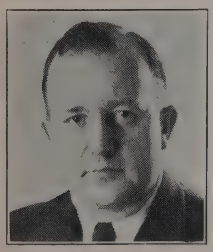


SEVEY, ROBERT H.—Red Cedar Pt., Box 784, Rte. 1, Excelsior, Gr. 4-6252; Hoyt A. Sevey Co., Sales Engr., 1525 5th St. S., Mpls. 4, Fe. 3-4913. [1957]

SHANHOLTZER, J. GLEN — 9270 W. 22nd Lane, Mpls. 26, Li. 5-4303; Vet. Adm., Safety Engr., 54th & 48th Ave., Mpls., Pa. 1-2955 Ext. 576-590. [R] [1960]

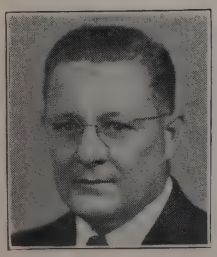


SHANK, JOHN M.—5 Birchwood Ave., White Bear Lake 10, Ga. 6-2202, Shank Power Products Co., Pres., 1821 University Ave., St. Paul 4, Mi. 5-5154. [R] [1953]



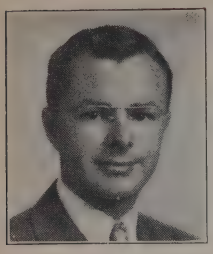
SHANNON, RAYMOND J.—3906 Inglewood Ave., Mpls. 16, St. L.P., Wa. 2-3062; Johnston Mfg. Co., Sales, 2825 E. Henn. Ave., Mpls. 13, Fe. 1-7939. [1944]

SHARPE, DONALD C. — 4837 Russell Ave. S., Mpls. 10, Wa. 2-1007; Smith Sharpe Co., Pres., 117 27th Ave. S. E., Mpls. 14, Fr. 1-1345. [1939]

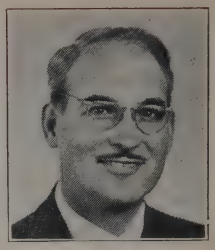


SHERIDAN, WILLIAM T. — 2589 Bittersweet Lane, St. Paul 9, Sp. 7-5546; Toltz, King, Duvall, Anderson and Assoc., Inc., Elec. Engr., 1408 Pioneer Bldg., 4th and Robert Sts.. St. P. 1, Ca. 4-7891. [R] [1944]

SHIELDS, BERNARD J.—4948 Elliott Ave. S., Mpls. 17, Ta. 5-6660; Minnesota & Ontario Paper Co., 500 Investor's Bldg., Mpls. 2, Fe. 8-8881. [1952]

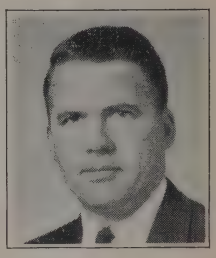


SHIELDS, EDWARD M.—2021 5th St. S., Moorhead, Minn.; Dakota Electric Supply Co., Vice Pres., 1017 4th Ave. N., Fargo, N. D. [1941]



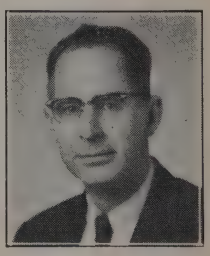
SHIFFLET, GLYNNE W. — Rte. 2, Box 11, Wayzata, Gr. 3-7102; Shifflet, Backstrom, Hutchinson, Dickey, Inc., Pres., 17 W. Franklin Ave., Mpls. 4, Fe. 9-5808. [R] [1944]

SHIPLEY, S. C.—1940 26th Ave., Vero Beach, Florida; Prof. Emeritus, Univ. of Minn. [1919]

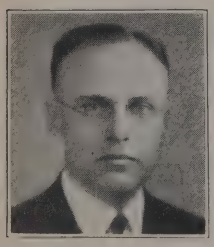


SHIPWAY, RICHARD J. — 4800 W. 62nd, Mpls. 24, Edina, Wa. 6-4298; No. States Power, Gas Op. Engr., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [1957]

SHOOP, CHARLES F.—2605 40th Ave. So., Mpls. 6, Pa. 9-2740; Prof. Emeritus, Univ. of Minn. [R] [1922]



SHORTLEY, CHARLES E.—Rte. 1 Box 400, Mound, Gr. 2-1215; Northern States Power Co., Distr. Engineer, 1518 Chestnut Ave. N., Mpls. 3, Fe. 2-6251. [R] [1959]



SHULTZ, EMMETT O.—720 Park Terr. Apts., 330 Oak Grove, Mpls. 3, Fe. 5-0961; Pfeifer & Shultz, Cnsl. Engr., 700 Wesley Temple Bldg., Mpls. 3, Fe. 3-5564. [R] [1937]

SICKEL, ED. C.—1009 Hall Ave., St. P. 18, Ca. 4-1675; Northern States Power Co., Oper. Engr., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1951]

SIEGEL, JOHN F.—5915 10th Ave. S., Mpls. 17, Ta. 5-1570; Yale Engineers, Inc., Pres., 3012 Clinton Ave. S., Mpls. 8, Ta. 7-5331. [1953]

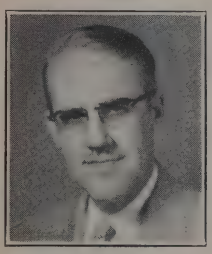
SIEVERS, KENNETH H.—Rte. 5, Box 172W, Excelsior, Gr. 4-6663; Reliance Electric & Engr. Co., Dist. Mgr., 1600 E. Franklin Ave., Mpls. 4, Fe. 9-8531. [1950]

SIMCOE, NATHAN W. — Rte. 1, Box 146E, Wayzata, Gr. 1-9056; Municipal Supply Co., Simcoe Equip Co., Owner, 3601 48th Ave. No., Mpls. 22, Ju. 8-2755. [1958]

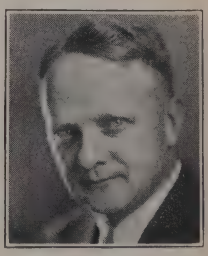
SINKS, ROBERT M.—6012 Code Ave., Edina 24, We. 9-3885; Northwestern Bell Tel. Co., Chief Engr., 224 S. 5th St., Mpls. 1, Fe. 4-6307. [R] Illinois. [1956]

SIVERTSON, CARL A. — 108 Arrowhead Rd., Duluth 3, Randolph 4-0274; Zalk-Josephs Co., Chf. Engr., 366 Garfield Ave., Duluth 6, Randolph 7-5081. [R] [1949]

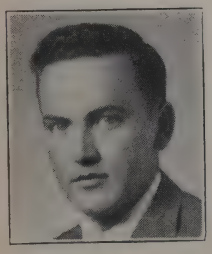
SJOQUIST, WALDEMAR — 330 Oakgrove, Apt. 220, Mpls. 3, Fe. 8-3639; Electric Machinery Mfg. Co., Vice Pres., 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751. [R] [1933]



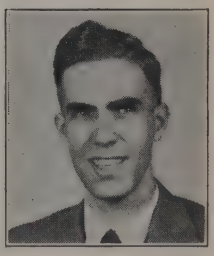
SKANSE, C. T.—6216 Parkwood Rd., Mpls. 24, Edina, We. 5-1234; Douglas-Stemac, Inc., Pres., 620 12th Ave. So., Mpls. 4, Fe. 9-8051. [1954]



SKARNES, REUBIN F. — 3336 N. Bay Lane, Mpls. 27, Li. 5-6583; Skarnes Engr. & Supply, Inc., Pres., 2907 E. Franklin Ave., Mpls. 6, Fe. 9-2719. [1934]

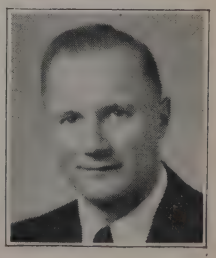


SKJELBOSTAD, ARNOLD M. — 3207 Alabama Ave., Mpls. 16, We. 9-9282; Butler Mfg. Co., Product Engr., 900 6th Ave. S. E., Mpls. 14, Fe. 3-8111. [1956]



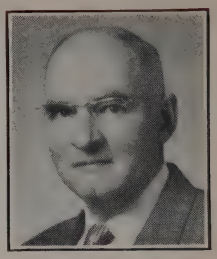
SMITH, BENJAMIN H., JR. — 2123 Humboldt S., Mpls. 5, Minn., Fr. 7-6073; Electric Machinery Mfg. Co., Dsgn. Engr., 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751. [1946]

SMITH, KIRK J. — 1500 S. Summit Ave., Sioux Falls, S. D.; Armco Drainage & Metal Prod., Inc., Sales Mgr., 705 Natl. Bk. of S. Dak. Bldg., Sioux Falls, S. Dak. [1932]



SMITH, ROBERT E. — 3210 Chase Drive, Mpls. 26, We. 8-8473, Northern States Power Co., Staff Engr., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1957]

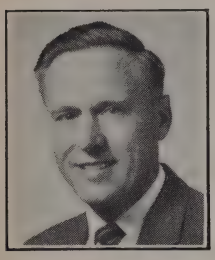
SMITH, WILLIAM J., JR.—5413 Morgan Ave. S., Mpls. 19, Wa. 6-4055; Westinghouse Electric Corp., Sales Engr., 2303 Kennedy St. N. E., Mpls. 13, St. 9-3541. [1952]



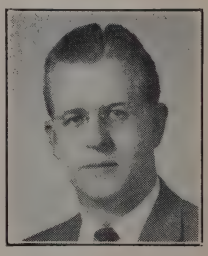
SNYDER, MERTON F. — 3325 W. 55th St., Mpls. 10, Wa. 2-0432; McCulloch Corp., Proj. Engr., 2700 Winter St. N. E., Mpls. 13, Fe. 6-9839 Ext. 336. [1960]

SODERHOLM, LAUREN V. — Rte. 4, Box 143Y, Wayzata, Gr. 7-2926; Mpls.-Honeywell Reg. Co., Sr. Test Engr., 600 N. 2nd St., Hopkins, We. 5-5155 Ext. 8402. [1942]

SOMMER, ARMIN B. — 149 Larch Road, Briarcliff Manor, N. Y.; Champion Construction & Engineering Co., Inc., Proj. Engr., 10-11 49th Ave., Long Island City, N. Y. [R] N.Y. [1940]

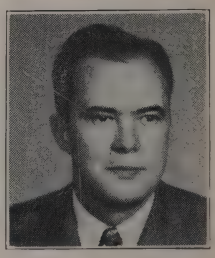


SOMMER, HERB N.—6100 Beard Ave. S., Mpls. 10, Wa. 2-6051; Elect. Mach. Mfg. Co., Dist. Mgr., 800 Central Ave. N. E., Mpls. 13, Fe. 9-6751. [R] [1943]

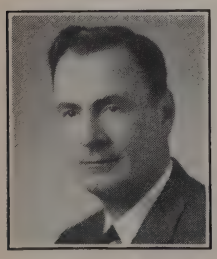


SORENSON, CLAYTON A.—2052 Sheridan Ave. S., Fr. 7-0961, Mpls. 5; City Engr. Dept. Planner III, 203 City Hall, Mpls. 15, Fe. 2-1116. [R] [1959]

SPARGO, THOMAS G.—1630 Constance Mpls. 22, Li. 5-8519; Northern States Power Co., Assist. Sub. Engr., 15 So. 5th St., Mpls. 2, Fe. 8-7792. [R] [1960]



SPARROW, HUBERT T.—6620 Cheyenne Trail, Mpls. 20, We. 5-4163; Mpls.-Honeywell Reg. Co., Dir. of Prod. Resr., 2753 4th Ave. S., Mpls. 8, Fe. 2-5225. [R] [1942]



SPELL, PETER W. — 5808 Colfax Ave. So., Mpls. 19, Ta. 5-5763; Northern States Power, Mfg. Ind. Sales, 15 So. 5th St., Mpls. 2, Fe. 8-7792. (R) (1960)

SPENCER, J. BOYD — 1023 Mount Curve Ave., Mpls. 5, Fr. 7-3600; Spencer Air Conditioning Co., Pres. 807 13th Ave. S., Mpls. 4, Fe. 3-2518. [1942]

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H. A. ROGERS DULUTH INC.
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RAndolph 2-0441

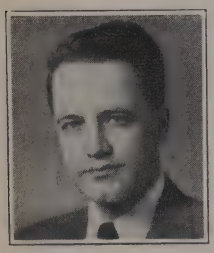
BLUE PRINTS

SPRUNGMAN, RALPH H.—2704 Drew Ave. S., Mpls. 16, Wa. 2-8972; City of Minneapolis Engr. Dept., Traf. Engr., Mpls. 15, Fe. 2-1116. [R] [1935]

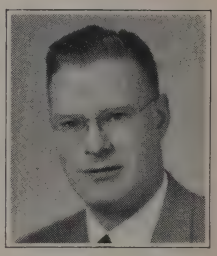
STAFFORD, ALDEN E.—4226 Grimes Ave. S., Mpls. 16, Wa. 6-4163; Mpls.-Honeywell Reg. Co., Mgr. Serv. Grp., 2753 4th Ave. S., Mpls. 8, Fe. 2-5225. [1946]

STAHR, ROGER B.—125 Walker Ave., Wayzata, Gr. 3-6550; Stahr Co., Inc., Pres., 2809 Wayzata Blvd., Mpls. 5, Fr. 4-3350. [1948]

STANCHFIELD, WARREN R.—2 Bell St., Excelsior, Gr. 4-6266; Bell & Eiss, Inc., Sales Engr., 2102 Foshay Tower, Mpls. 2, Fe. 3-4596. [1951]



STANLEY, CHARLES C.—5236 Logan Ave. S., Mpls. 19, Wa. 6-7232; Stanley Iron Works, Vice Pres., 3715 Minnehaha Ave., Mpls. 6, Pa. 2-6647. [1955]



STARK, ROBERT — 5645 Washburn Ave. So., Mpls. 10, Wa. 2-1224; The Gorgen Co., Sales Engr., 814 So. 9th St., Mpls. 4, Fe. 2-7343. [1957]

STARKEY, EDGAR A.—6921 Cornelia Drive, Mpls. 24, Mpls.-Honeywell Reg. Co., Mgr. Process Eng., 2753 4th Ave. S., Mpls. 8, Fe. 2-5225. [1942]

STARKEY, LYNN E.—3525 37th Ave. S., Mpls. 6, Pa. 2-3190; City Engr. Dept. Chief Sidewalk Division, 215 City Hall, Mpls. 15, Fe. 2-1116. [1959]

STEARNS, LLOYD C. — 6112 Ewing Ave. So., Mpls. 10, Wa. 6-4233; Roper Hydraulics Inc., Sales Mgr., 6112 Ewing Ave. So., Mpls. 10, Wa. 6-4233. [1958]

STENEHJEM, JULIAN S.—P. O. Box 147, Glen Lake, We. 5-3611; The Bristol Inst. Co., Resident Mgr., 717 Merchandise Bldg., Mpls. 6, Fe. 3-0714. [1948]

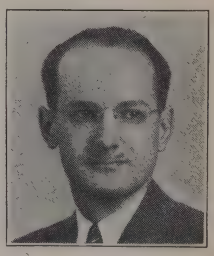
STEVENS, HERBERT H. — 7220 W. 78th St., Mpls. 24, We. 9-2563; The Pillsbury Co. Dir. of Engr., Pillsbury Bldg., Mpls. 2, Fe. 3-4151. [1935]

STEWART, GORDON D., JR. — 4125 Quentin Ave. S., Mpls. 16, St. Louis Park Wa. 2-6040; Aluminum Co. of America, Sales Engr., 4010 W. 65th St., Mpls. 24, Wa. 7-7051. [1954]

STEWART, ROBERT E.—6025 Kellogg Ave., Edina 24, Wa. 6-5089; General Electric Co., Sales Engr., 12 S. 6th St., Mpls. 3, Fe. 8-6771. [R] (Iowa) [1957]

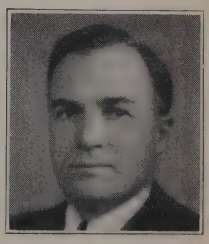
STINE, DANIEL R. J.—6825 Creston Road, Mpls. 24, Wa. 7-8962; Joslyn Mfg. & Supply Co., Dist. Sales Mgr., 731 N. Prior Ave., St. Paul, Mi. 6-1838. [1958]

STOCK, HARRY — Box 513-A Rte. 3, Leesburg, Florida. Retired. [R] [1924]



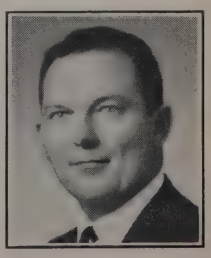
STODDART, JAMES E. — 900 Edgewater Ave. W., St. Paul 12, Iv. 4-5155; Northern States Power, Gen. Sales Mgr., 15 So. 5th St., Mpls. 2, Fe. 8-7792. [R] [1960]

STOLTE, SIDNEY L.—5422 Edgewater Blvd., Mpls. 17, Ta. 3-6942; Bettenburg, Townsend, Stolte & Comb, Arch. & Engrs., Prtn. 1437 Marshall Ave., St. P. 4, Mi. 6-2558. [R] [1936]



STONE, CHARLES W.—2303 Meeting St., Wayzata, We. 8-8636; Chas. W. Stone Co., Pres. 1914 LaSalle Ave., Mpls. 3, Fe. 9-0611. [1937]

STONE, CHESTER K.—4315 E. Lake Harriet Blvd., Mpls. 9, Ta. 2-5312; Minnesota Supply Co., Pres., 706 Portland Ave. S., Mpls. 15, Fe. 6-4646. [1944]



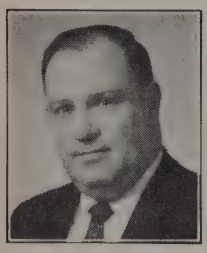
STONE, GERALD A.—5101 Abercrombie, Mpls. 24, We. 9-8993; Link Belt Co., Gen. Mgr., 200 Lyndale Ave. N., Mpls. 5, Fe. 3-5575. [1960]

STRAND, CARL V.—8112 Westwood Hills Dr., Mpls. 26, St. Louis Park, Li. 5-1787; Northern States Power Co., Dist. Supt., Mpls. Div., 15 S. 5th St., Mpls. 2, Fe. 2-6251. [R] [1941]

STRATTON, THOMAS A.—420 Burntside Drive, Golden Valley, Mpls. 22, Fr. 4-3291; Technical Consultant, 420 Burntside Drive, Mpls. 22, Minn., Fr. 4-3291. [R] [1920]

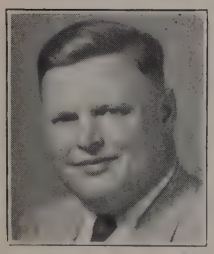
STRAUB, LORENZ G.—Univ. of Minn., Hd. Civil Engr. & Dir. St. Anthony Falls Hydraulic Lab., Mpls. 14, Fe. 2-8158. [R] [1930]

SUMMERS, ROBERT EDWARD—2216 Folwell St., St. P. 8, Mi. 4-6925; Univ. of Minn., Dean of Admissions and Records, Prof. Mech. Engr., Mpls. 14, Fe. 2-8158, Ext. 295. [1942]

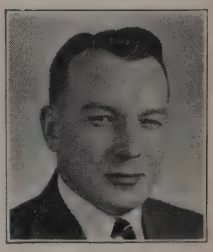


SUTHERLAND, THOMAS P. — 3916 Garfield So., Mpls. 9, Ta. 2-4339; Erectors, Inc. Pres., General Manager, 260 N. Fry, St. Paul 4. [R] [1959]

SVENDSEN, GEO. P. — 252 Thomas Ave. S., Mpls. 5, Fr. 4-4119; Boustead Electric & Mfg. Co., Pres., 109 Washington Ave. N., Mpls. 1, Fe. 9-8831. [1934]



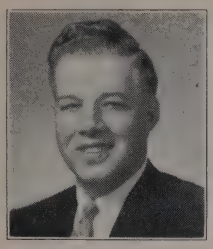
SVENSON, CHESTER F.—P. O. Box 531, Excelsior, Minn., Gr. 4-6221; Automatic Sprinkler Corp of America, Dist. Mgr., 1916 2nd St. So., Mpls., Fe. 5-1215. [1954]



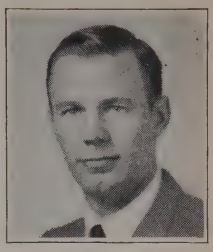
SVOBODA, JOHN F.—1440 Edgecumbe Rd., St. P. 16, Mi. 9-8279; Flour City Ornamental Iron Co., Supt., 2637 27th Ave. S., Mpls. 6, Pa. 4-5471. [1944]

SWANBERG, C. [CARL] WALTER—114 Melbourne Ave. S. E., Mpls. 14, Fe. 9-1387; The Appraisal Bureau Appr. Engr., 1050 Plymouth Bldg. Mpls. 5, Fe. 6-2297. [R] [1934]

SWANSON. CARL E. — 5632 10th Ave. So., Mpls. 17, Ta. 4-7262; Mpls.-Honeywell Co., Prod. Mgr., 2745 4th Ave. So., Mpls. 8, Fe. 2-5225. [1960]



SWANSON, CLARENCE W. — 5228 West 56th St., Mpls. 24, We. 9-9366; H. K. Porter Co., Delta-Star Elect. Div., Dist. Mgr., 840 Plymouth Bldg., Mpls. 3, Fe. 6-6000. [1958]



SWANSON, DAVID W.—4652 Morris Circle, Mpls. 20, Tu 1-0067; Alcoa, Sales Engr., 4010 W. 65th St., Mpls. 24, Wa. 7-7051. [1957]

SWANSON, EDWIN W.—2001 S. Plymouth Road, Mpls. 26, Li. 5-5244. Retired. [1954]

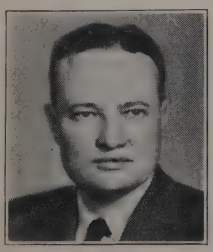
SWANSTROM, FRANK N.—5810 Chicago Ave., Mpls. 17, Ta. 2-5189. Retired. [1919]

SWEENEY, FRANK C.—5400 Halifax Lane, Mpls. 24, Wa. 6-8955; Mpls.-Honeywell Reg. Co., Engr., 2753 4th Ave. S., Mpls. 8, Fe. 2-5225. [1936]

SWEET, WILLIAM IRVIN — 3228 Woodlawn Ave., Wayzata, Gr. 3-7030; Twin City Steel Treating Co., Pres., 1114 3rd St. S., Mpls. 15, Fe. 2-4849. [1941]

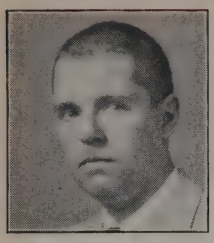
SWENSON, WILLIAM EUGENE — 1436 W. California Ave., St. P. 4, Mi. 4-2889; Mpls. Moline Co., Director of Engr., Box 1050, Mpls. 1, Pa. 4-3661. [1946]

TATE, V. ROBINS — 2542 N. Terrace Ave., Milwaukee 11, Wis.; Perfex Corp., Exec. V.P. & Secy., 500 W. Oklahoma Ave., Milwaukee 7, Wis. [R] Wisc. [1932]

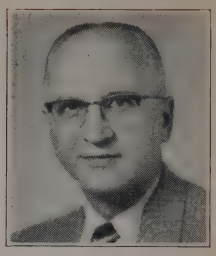


TAYLOR, D. GILMAN — 4250 Linden Hills Blvd., Mpls. 10, Wa. 2-3607; Mpls.-Honeywell Reg. Co., Staff Engr., 2753 4th Ave. S., Fe. 2-5225. [R] [1932]

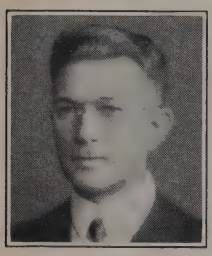
TAYLOR, GEO. W.—4519 Casco Ave., Mpls. 24, Edina, Wa. 2-4467; Northern States Power Co., Research Engr., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1927]



TELLETT, DAVID P. — 3409 Yosemite Ave., Mpls. 16, St. L.P., We. 9-5709; Allis-Chalmers Sales Rep., 3033 Excelsior Blvd., Mpls. 16, Wa. 6-6571. [R] [1951]



TEPLEY, RICHARD L. — 2101 Drew Ave. S., Mpls. 16, Wa. 6-6944; Bernard L. Dalsin Co., Sales Engr., 4532 Chicago Ave., Mpls. 7, Ta. 3-7291. [1957]

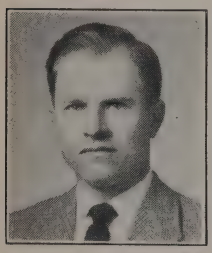


THAYER, PAUL W. — 2808 Fremont Ave. S., Mpls. 8, Ta. 5-8591; Retired. [R] [1917]

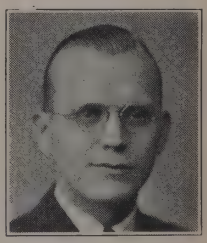
THOMAS, LOWELL E. — 7121 Oliver Ave. S., Mpls. 23, Rich., Un. 9-7148; Minneapolis Blue Printing Co., Vice Pres., 612 3rd Ave. S., Mpls. 2, Fe. 2-5444. [1943]

THOMPSON, B. W.—4501 Casco Ave., Mpls. 24, Edina, Wa. 2-6425; Pfeifer and Shultz, Engrs., Dsgn. Engr., 701 Wesley Temple Bldg., Mpls. 3, Fe. 3-5564. [R] [1937]

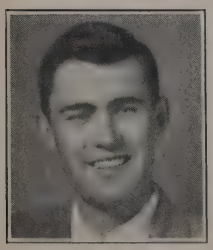
THOMPSON, CURTIS T.—7008 Bristol Blvd., Mpls. 24, Wa. 2-2753; Cochrane Corp., Br. Mgr., 4010 W. 65th St., Mpls. 24, Wa. 6-6549. [1960]



THOMPSON, ERNEST E.—1613 Wilshire Dr. So., Mpls. 26, Li. 5-7496; Line Material Industries, Field Engineer, 500 W. 79th St., Mpls. 20, Tu. 1-5841. [R] [1959]



THORSHEIM, JOSEPH O. — 32 Luverne, Mpls. 19, Ta. 5-6243; Mpls.-Honeywell Reg. Co., Sr. Research Scientist, 2753 4th Ave. S., Mpls. 8, Fe. 2-5225. [R] [1942]

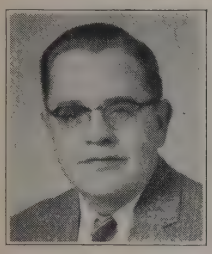


THORSON, JOHN M., JR.—409 25th St. N.W., Minot, N. D., Te. 7-4104; N. S. P., Div. Engineer, 201 Main St. S., Minot, N. Dak., Te. 7-0201. [R] [1954]

TIERNEY, FESTUS P.—2675 E. Lake Isles Blvd., Mpls. 8, Fr. 7-8918; Northern States Power Co., Gen. Supt. Maintenance & Testing, 1600 Chestnut St., Mpls. 3, Fe. 8-7792. [1939]

TILLEMANS, FRANCIS T. — 5709 Wentworth, Mpls. 19, Ta. 7-1024; Westinghouse Elec. Corp., Ltg. Sales Engr., 2303 Kennedy St. N. E., Mpls. 13, St. 9-3545. [R] [1952]

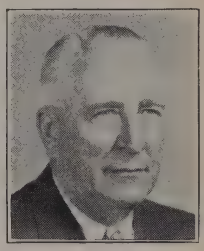
TIMPERLEY, WILLIAM D.—4725 Fair Hills Rd., Hopkins, We. 8-9100; Retired. [R] [1919]



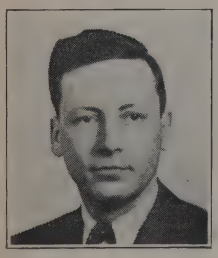
TOBIN, ROLPH D. — 6244 Sheridan Ave. S., Mpls. 23, Un. 6-7053; M.H Ord. Div., Comp. & Matls. Engr., 600 2nd St. N., Hopkins, Minn., We. 8-3571. [1957]

TODD, M. E.—3924 Natchez Ave., Mpls. 16, Wa. 2-3666; Instrumentation Services, Inc. Pres., 917 Plymouth Ave. N., Mpls. 11, Ja. 1-6267. [1922]

TOLLEFSON, MAYNARD W. — 5052 Penn Ave. S., Mpls. 10, Wa. 2-7743; Century Electric Co., Dist. Mgr., 711 W. Lake St., Mpls. 8, Ta. 7-2575. [1940]



TOMAN, ORVILLE R.—317 Lee St., Oakland 10, Cal.; Foothill Elect. Corp., Exec. Elect. Engr., 1021 6th Ave., Oakland 6, Cal. [1947]

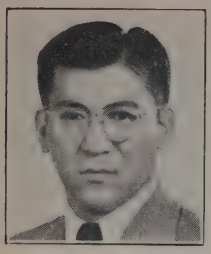


TOMLINSON, BEN L.—8302 Hiawatha Ave. Hopkins, Minn., We. 8-3898, Daycom Inc., Vice Pres., 157 Bryant Ave. N., Mpls. 3, Fe. 6-9671. [1948]

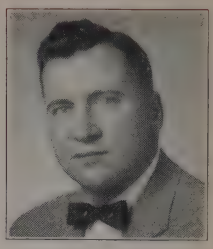
TOSEL, LEO J.—6632 Russell Ave. S., Mpls. 23, Un. 9-9768; Branch Mgr., Brunson Inst. Co., 926 2nd Ave. S., Mpls. 2, Fe. 8-5489. [1955]

TROYAK, GLENN E. — 5308 Chateau Pl., Mpls. 17, Pa. 9-2191; General Electric Co., Sales Engr., 630 Plymouth Bldg., Mpls. 2, Fe. 8-6771. [R] [1946]

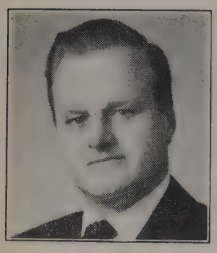
TRULANDER, WILLIAM M. — 3036 E. M'haha Pkwy., Mpls. 6, Pa. 2-3337; Mpls. St. Paul Sanitary Dist., Plant Oper., P. O. Box 3598, St. P. 1, Pr. 1-8845. [R] [1935]



TSUCHIYA, TAKUZO — 9013 M'haha Circle No., Mpls. 26. St. L.P., We. 8-5909; General Mills, Section Leader, 2010 E. Henn. Ave., Mpls. 13, Fe. 6-0371. [1949]



TUMINI, EMMET C.—45 S. Queen Ave., Mpls. 5, Fr. 4-3415; Hewitt-Robins Inc., Field Engr.; 3418 E. Lake St., Mpls. 6, Pa. 9-0085. [1958]

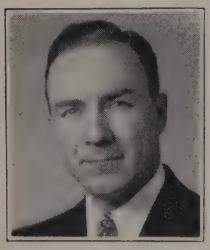


TURNER, HARLEY—3160 France Ave. N., Mpls. 22, Ju. 8-0162; Harley Turner Co., Owner, 3160 France Ave. No., Mpls. 22, Ju. 8-1669. [1958]

TURNER, J. FRANCIS—1143 S. Shore Dr., Mpls. 23, Li. 5-8235; Turners, Inc., Pres., 1143 S. Shore Drive, Mpls. 22, Medicine Lake, Li. 5-8235. [1948]

UNTINEN, AUGUST L.—5041 Woodlawn Blvd., Mpls. 17, Pa. 9-1118; Northwestern Bell Tel. Co., Toll Plant Ext. Engr., 224 S. 5th St., Mpls. 2, Fe. 2-4112. [R] [1930]

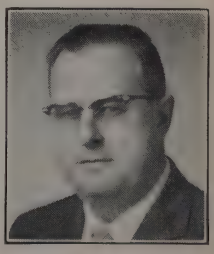
VAARS, HOWARD O.—4037 Fremont No., Mpls. 12, Ju. 9-1645; Philco Corp. Sales Repr., 800 Xenia Ave. So., Mpls. 16, Li. 5-1416. [1959]



VAN BERGEN, R. M.—343 Sweet Briar Lane, Hopkins, We. 8-8564; Van Bergen & Markson, 3381 Gorham Ave., Mpls. 26, We. 9-4626. [1955]

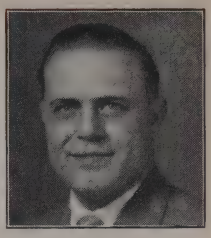
VAN ZEE, BEN G. — 8840 So. 18th St., Phoenix 40, Ariz. Retired. [1943]

VERBARG, EDWARD W.—4435 Tyrol Crest, Mpls. 16, Gn. Vy., Fr. 7-9275; Bergstrom-Verbarg Co., Owner, 632 Midland Bk. Bldg., Mpls. 1, Fe. 9-0028. [R] [1948]



VESELY, LLOYD E.—225 Campbell Dr., Hopkins We. 8-8322; Northern States Power Co. Engr., 15 South 5th St., Mpls. 2, Fe. 8-7792. [R] [1959]

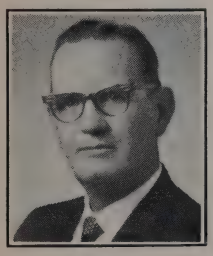
VIELE, VERNE K. — 5136 Indianola Ave., Mpls. 24, Wa. 2-5136. Retired. [R] [1930]



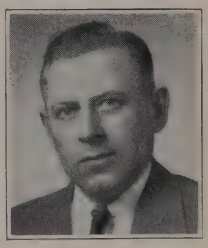
VIGDAL, JAMES R. — 5100 Danens Drive, Mpls. 24, Edina, We. 9-8980, Anaconda Wire & Cable Co., Salesman, 1715 Foshay Tower, Mpls. 2, Fe. 9-7654. [1950]

VINCENT, ROBERT L. — 5011 Bruce Ave., Mpls. 10, Edina, Wa. 6-0825; Vincent Brass & Aluminum Co., Gen. Mgr., 124 12th Ave. S., Mpls. 15, Fe. 9-7061. [1940]

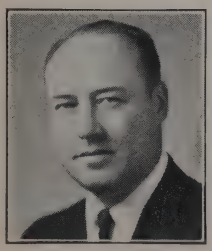
VISSER, GARY A.—Box 338, Rte. 2. Wayzata, Gr. 3-6367; Mid-West Automation, Inc., V.P. Ch. Engr. Chanhassen, Gr. 4-5903. [R] [1960]



VOEDISCH, FREDERIC W. — 3928 Thomas Ave. S., Mpls. 10, Wa. 6-0867; Layne Minnesota Co., V.P., 3147 California St. N. E., Mpls. 18, Wells & Pumps, Mpls. 18, St. 1-9553. [1942]



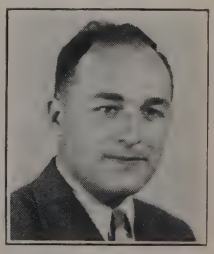
VOGEL, CLARENCE E. — 5628 Humboldt S., Mpls. 19, Wa. 6-5455; Mpls. Honeywell, Proj. Engr., 2600 Ridgway Rd., Mpls., St. 1-8011. [R] [1955]



VOJTA, FRANCIS J.—5633 Penn Ave. S., Mpls. 19, Wa. 6-1035; Northern States Power Co., Engineer, 15 South 5th St., Mpls. 2, Fe. 8-7792. [R] [1959]

VOLKENANT, GORDON W. — 4601 Roanoke Road, Mpls. 22, Golden Valley; Volkenant's Appliances, Inc., 1119 W. Broadway, Mpls. 11, Ja. 2-3663. [1944]

VORK, WILLIAM D. — 6012 Ashcroft Ave., Mpls. 24, Wa. 6-0019; Gray Co., Inc., Prod. Engr., 60 11th Ave. N. E., Mpls. 13, Fe. 6-9333. [1952]



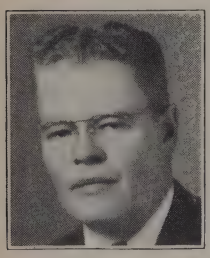
VORPAHL, LUCIAN G. — 2609 27th Ave. N. E., Mpls. 18, St. 9-8914; W. H. Barber Co., Operations Mgr., Petroleum Prod., 825 Thornton St. S. E., Mpls. 14, Fe. 2-2361. [R] [1947]

VRY, DON C.—739 Benton St., Anoka, Ha. 1-5602; Layne-Minn. Co., Chief Engr., 3147 California St. N. E., Mpls. 18, St. 1-9553. [1956]

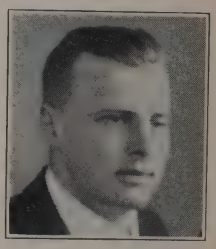
WADE, GEORGE H. — 5152 Belmont Ave., Mpls. 19, Ta. 2-0290; George H. Wade Co., Manufacturer's Agent, 5152 Belmont Ave., Mpls. 19, Ta. 2-0290. [1929]

WADE, HENRY H. — 328 N. Tenth Ave., Hopkins, We. 8-7411; Univ. of Minn. Mines Exp. Sta., Dir., Mpls. 14, Fe. 2-8158 Ext. 6215. [R] [1933]

WADSWORTH, WILLIAM L. — 4144 Ewing Ave. S., Mpls. 10, Wa. 2-2657. Retired. [1928]

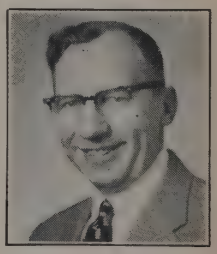


WAHLBURG, CLARY E. — 4808 E. Sunnyslope Road, Mpls. 24, Wa. 6-8682; Dean L. Witcher, Estimator, 400 2nd Ave. S., Mpls. 1, Fe. 8-3859. [1955]



WAHLROOS, AARNE N. — 224 Washburn Ave. N., Mpls. 5; Fr. 4-4676, Minn. Dept. Highways, Civil Engr., Capitol Approach, St. Paul 1, Ca. 2-3013. [R] [1936]

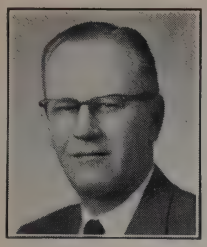
WALD, JOHN EDWARD—1489 Holton, St. Paul 13, Mi. 6-2227; Northern States Power Co., Operations Analyst, 15 S. 5th St., Fe. 8-7792. [1956]



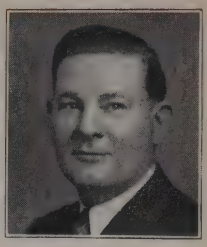
WALEEN, WARREN L.—1878 Portland Ave., St. Paul 4, Mi. 5-5064, Mpls. & St. Louis Railway Co., Chief Engr., 111 E. Franklin Ave., Mpls. 4, Fe. 2-7144 Ext. 304. [R] [1959]

WALIN, ROY F. — Wayzata, Rte. 4, "B 68", Gr. 7-2808; Walin Elec. Co., Own., 110 E. Lake St., Mpls. 8, Ta. 4-2266. [1947]

WALKER, ROBERT E.—Box 37, Rte. 3, Mound, Gr. 2-2765, Interstate Steel, Dist. Sales Mgr., 2255 Rand Tower, Mpls. 2, Fe. 9-6825. [1956]



WALLER, PAUL F. W.—1800 Hillsboro Ave. S., Mpls. 26, Li. 5-5032; Combustion Engineering, Inc., District Manager, 2500 Rand Tower, Mpls. 2, Fe. 9-1155. [1959]



WALZ, CARL F.—4811 Knox Ave. S., Mpls. 9, Wa. 2-3078; V.P., Durkee-Atwood Co., Pres., Walz Eng. & Mfg. Co., 215 7th St. N. E., Mpls. 13, Fe. 2-0441. [1942]

WANGAARD, OSCAR H.—3145 Elliot Ave., Mpls. 7, Ta. 3-9091; Retired. [R] [1945]

WARD, E. C.—3968 Colorado Ave., Mpls. 16, We. 9-2476; Northern States Power Co., Nuclear Engr., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1953]

WARD, RICHARD E.—11021 Queen Circle, Mpls. 20, Tu. 1-6570; Standard Const. Co., Inc., Estimator, 212 So. 6th St., Mpls. 2, Fe. 8-7061. [R] [1959]

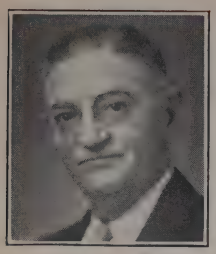
WARMINGTON, THOMAS J. — 2402 Lincoln St. N. E., Mpls. 13, St. 9-3988; Retired. [1945]

WARREN, EDWARD R.—5720 Oliver Ave. S., Mpls. 19, Wa. 2-6511. Retired. [R] [1937]

WARREN, ROBERT E. — 4469 Gaywood Dr., Hopkins, We. 5-2567; Northern States Power Co., St. Lighting Engr., 15 So. 15th St., Mpls. 2, Fe. 8-7792, Ext. 681. [1956]

WASS, ROLLAND V.—2143 Farleigh Rd., Columbus 21, Ohio, Hu. 6-4278; Pollock Paper Co., Printing Engr., 780 Frebis Ave., Columbus, Ohio, Hickory 4-1137. [1948]

WATLAND, STANLEY — 5132 14th Ave. S., Mpls. 17, Ta. 4-6962; Bros, Inc., Desn. Engr., 1057 10th Ave. S. E., Mpls. 14, Fr. 1-5921. [1945]

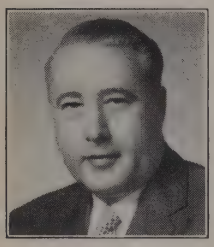


WATSON, HAROLD H.—2106 W. 21st St., Mpls. 5, Fr. 7-2285. Retired. [R] [1932]

WEATHERILL, C. S. — 5030 Chowen Ave. S., Mpls. 10, Wa. 2-5257. Retired. [1938]

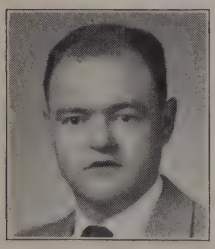
WEBER, LESLIE C. — 5125 Kimberly Road, Hopkins, We. 8-2761, Northern States Power Co. Engineer, 15 So. 5th St., Mpls. 2, Fe. 8-7792. [1959]

WEBBER, WILLIAM F.—5012 Normandale Court, Mpls. 24, We. 9-3051; Archer Daniels Midland Co., Dir. Engineering, 700 Investors Bldg., P. O. Box 839, Mpls. 2, Fe. 3-2112, Ext. 512 [R] [1944]

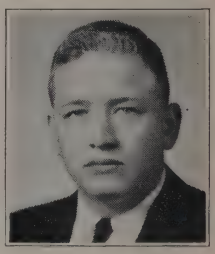


WEDEN, ROBERT R.—6809 Creston Rd., Edina 24, Wa. 6-1179; H. M. Richardson Co., Sales Engr., 9 E. 22nd St., Mpls. 4, Fe. 6-4078. [1958]

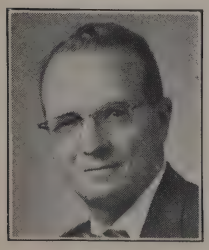
WEGNER, WILLIAM C. — 6514 18th Ave. S., Mpls. 23, Richfield, Un. 9-0445, Northern States Power Co., Traveling Distr. Engr., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1957]



WEHRMAN, B. KEITH — 6920 West 24th St., Mpls. 26, Li. 5-5534; Nason, Law, Wehrman & Knight Inc., Partner, 2101 Henn. Ave., Mpls. 5, Fr. 4-5790. [1958]



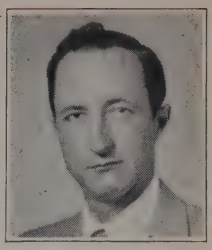
WEIDENBACHER, WILLIAM D. — 9014 Stanlen Rd., Mpls. 26, Li. 5-2762; Alcoa, Sales Engr., 4010 W. 65th St., Mpls. 24, Wa. 7-7051. [1957]



WELBAUM, RONALD W.—131 W. Rustic Lodge, Mpls. 9, Ta. 2-5805; Mpls. Police Dept., Supt. Bureau of Identification, Mpls. Police Dept., Fe. 2-1361. [1959]

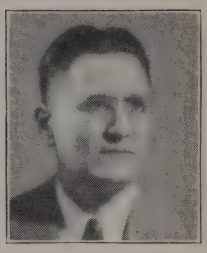
WELSH, ELDEN J.—1751 Asbury Ave., St. P. 13, Falcon Heights, Mi. 4-4489 Rural Co-op Power Assn., Mgr. Nuclear Power Dept., Elk River, Minn., 317. [R] [1950]

WENDELL, AL.—7515 Auto Club Rd., Mpls. 20, Tu. 8-3398; Bituminous Roadways, Inc., Pres., 2828 Longfellow Ave., Mpls. 7, Pa. 1-2451. [1953]



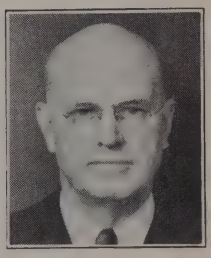
WENZ, RAYMOND O. — 4921 Triton Drive, Mpls. 22, Golden Valley, Ju. 8-8756; Allis Chalmers, Sales Rep., 3033 Excelsior Blvd., Mpls. 16, Wa. 6-6571. [1957]

WESTBY, H. ARNOLD — 3612 Zenith Ave. N., Mpls. 22, Robb., Ju. 8-4253; General Mills, Inc., Proj. Engr., 1620 Central Ave. N. E., Mpls. 13, St. 9-8811. [1943]

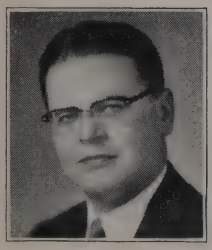


WEYER, HERBERT R. — 2616 Huntington Ave., Mpls. 16, St. L.P., Wa. 2-6479; Northern States Power Co., Staff Engr., 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1931]

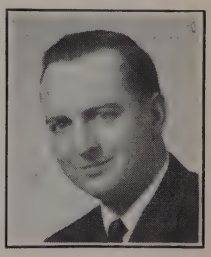
WEYRAUCH, HERBERT E.—2800 E. Minnehaha Pkwy., Mpls. 6, Pa. 2-8446; Flo-Tronics, Inc., Sales Engr., 1420 Zarthan Ave., So., Mpls. 16, Li. 5-1441. [1955]



WHEELER, WALTER H. — 4209 Dupont Ave. S., Mpls. 9; Walter H. Wheeler, Cnsl. Engr., 802 Met. Bldg., Mpls. 1, Fe.3-1019.[R] [1920]

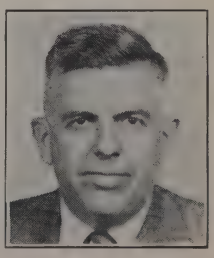


WHITCHURCH, NORTON W. — 1910 Rice Creek Rd., New Brighton 12, Me. 3-5402; Norton Whitchurch, 1910 Rice Creek Rd., New Brighton 12, Minn., Me. 3-5402. [1957]

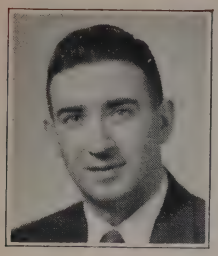


WHITE, GEORGE F. — 4633 Casco Mpls. 24, Wa. 6-1527; Brock-White Co. Pres., 204 Humboldt Ave. No., Mpls. 5, Fr. 4-3052. [1960]

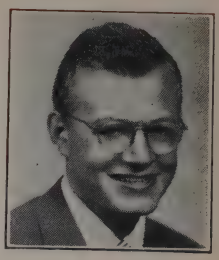
WHITEHEAD, KENNETH R. — 7627 Upton S. Mpls. 23, Un. 9-0667; Thorshov & Cerny, Inc., Vice Pres., 300 First Nat'l. Bank, Concourse, Mpls. 2, Fe. 9-8371. [1959]



WHITNAH, SCOTT — Rte. 1, Box 163, Wayzata, Gr. 1-9390; Scott Whitnah Consulting Engr., 609 2nd Ave. So., Mpls. 2, Fe. 8-3711. [R] [1946]

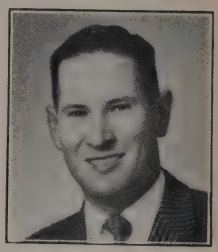


WICK, EARL W.—3409 31st Ave. S., Mpls. 6, Pa. 2-2984; Northern States Power Co., Underground Oper. Engr., 1518 Chestnut Ave. N., Mpls. 3, Fe. 2-6251. [R] [1957]



WICKLAND, EDWARD J.—7337 Emerson Ave. S., Mpls. 23, Un. 9-0453; Mpls.-Honeywell Reg. Co. Proj. Engr., 2600 Ridgeway Rd., Mpls. 13, St. 1-8011 [R] [1946]

WILBUR, CONRAD C.—Rte. 2, Mechanicsburg, Pa.; Gannet Fleming Corddry & Carpenter, 600 N. 2nd St., Harrisburg, Pa. [R] [1925]

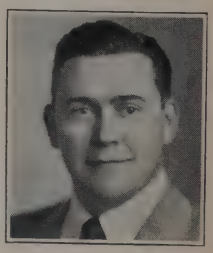


WILLARD, A. WAYNE—801 Utah Ave. S., Mpls. 26, Li. 5-4244; American Bridge Division, Contracting Mgr., 629 2nd St. S.E., Mpls. 14, Fe. 3-4358. [1959]

WILLIAMS, JAMES F. — 5113 Eleanor Lane, Mpls. 22, Ke. 7-3806; Northern States Power Co., Corr. Ch., 1518 Chestnut Ave. No., Mpls. 3, Fe. 8-7792 Ext. 131. [1960]

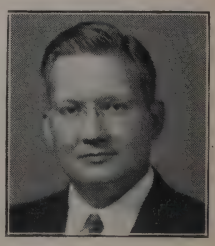
WILLIAMS, JAMES G.—4907 N. Woodburn St., Milwaukee 17, Wis.; Johns-Manville Corp., Region Mgr., 4260 N. Teutonia Ave., Milwaukee 9, Wis., Up. 3-9220. [R] [1937]

WILLIAMS, MILTON J.—6218 France Ave. S., Mpls. 24, Wa. 7-9528; Mpls. Tank & Mfg. Co., Sales, 1201 N. E. Winter St., Mpls. 13, Fe. 3-4203. [1951]



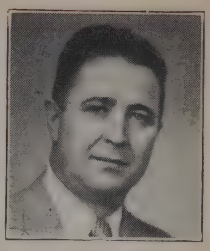
WILLIAMS, THOMAS D. — 2410 W. 112th St., Bloomington, Tu. 1-0117; Line I.T.E. Circuit Breaker Co., 2025 Nicollet Ave., Mpls. 4, Fe. 9-8796. [1955]

WILLIAMSON, ARCHIE O. — 5916 S. Halifax, Mpls. 24, Wa. 2-5898; Bros, Inc., Mgr., Rd. Machy. Div., 1057 10th Ave. S.E., Mpls. 14, Fe. 1-5921. [1942]



WILLIAMSON, REGINALD M. — 5829 Meadow L. Rd., Mpls. 27, New Hope, Ke. 7-8350; Mpls. Honeywell, Eval. Engr., 2600 Ridgway Rd., Mpls. 13, St. 1-8011. [1950]

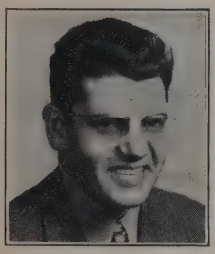
WILLIS, LEONARD L. — 2741 France Ave. S., Mpls. 16, Wa. 2-9590; Thermo King, Chief Engr., 314 W. 90th St., Mpls. 20, Tu. 1-2601. [R] [1955]



WILLSON, EDWIN A.—5440 Normandale Rd., Mpls. 24, We. 9-5474; Northern States Power Co., Mgr. Operations, 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1931]

WILSON, CHAS. A. — 4915 29th Ave. S., Mpls. 17, Pa. 4-3864; U. S. Steel Supply Div., U. S. Steel Corp., Sales Engr., 2545 Univ. Ave., St. P. 14, Mi. 6-7311. [R] [1949]

WILSON, HARRY L. — 3634 47th Ave. So., Mpls. 6, Pa. 2-6412; Setter, Leach & Lindstrom, Inc. Prin. Engr., Foshay Tower, Mpls., Fe. 8-8741. [R] [1944]



WILSON, THEODORE J.—1744 Woodward S. E., Grand Rapids, Mich., Ch. 3-2124; Chief Engr. Ground Support Equipment Div., 110 Ionia, Grand Rapids, Mich., Gl. 1-1542. [1946]

WINSLOW, RAYMOND M. — 4017 Woodend Dr., Mpls. 24, Wa. 2-1791; Super Valu Stores, Inc., V.P., 101 Jefferson Ave., Hopkins, We. 8-3561. [1945]

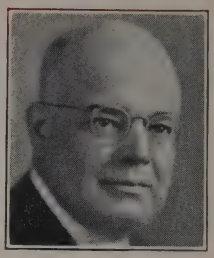
WITCHER, DEAN L. — Rte. 3, Wayzata (Woodland), Gr. 3-8643; Dean L. Witcher, Inc., Pres., 400 2nd Ave. S., Mpls. 1, Fe. 5-6765. [1943]

WITTS, SETH N.—5113 Indianola Ave., Mpls. 24, Wa. 6-0615; Northern States Power Co., Supervisor Power Pool Activities, 15 S. 5th St., Mpls. 2, Fe. 8-7792. [R] [1936]

WOLLAN, SHERMAN A. — 4820 W. 60th St., Mpls. 24, Wa. 2-5887; Industrial Electric Co., V. Pres.. 600 So. 9th St., Mpls. 4, Fe. 5-1268. [1960]

WOOD, LESLIE L. — 12300 Wayzata Blvd., Mpls. 26, Li. 5-0878. [R] [1945]

WOODMAN, JOSEPH C.—4405 Washburn Ave. S., Mpls. 10, Wa. 6-0985; Retired. [1943]

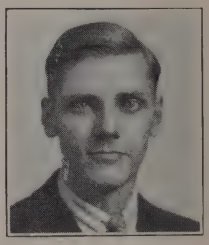


WOODRICH, OSCAR F.—1776 Dupont Ave. S., Mpls. 5, Fr. 7-0923; Woodrich Construction Co., Pres., 201 18th Ave. S., Hopkins, We. 8-6391. [1927]

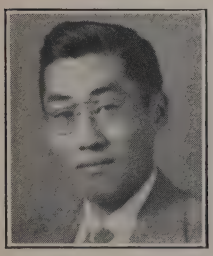
WOODWARD, HOBART F.—5512 10th Ave. S., Mpls. 11, Ta. 3-7411; Minn. & Ontario Paper Co., Patent Officer, 500 Investors Bldg., Mpls. 2, Fe. 8-8881. [1942]

WOODWARD, JOHN L. — 2101 Kenwood Pkwy., Mpls. 5, Fr. 7-3373; John L. Woodward, Patent Lawyer, 304 Wesley Temple Bldg., Mpls. 3, Fe. 5-0402. [1946]

WOODWARD, OTTO R.—6605 Clinton Ave. S., Richfield 23, Minn., Un. 9-5587; Terminal Electric Corp., Pres., 1201 S. 3rd St., Mpls. 15, Fe. 9-4891. [R] [1948]

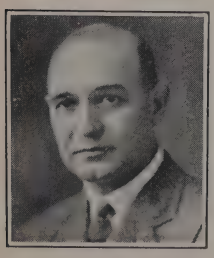


WUESTNECK, WALDEMAR L. A. — 141 W. 50th St., Mpls. 19, Ta. 4-2139; Minneapolis Honeywell Reg. Co., Staff Engr., 2600 Ridgway Rd., Mpls. 13, St. 1-8011. [R] [1942]

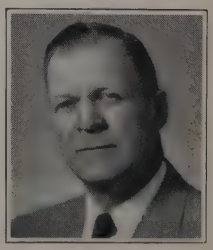


YANAGITA, GEORGE — 9025 W. 31st. St. Mpls. 26, We. 5-1327; Northern States Power, Engr., 15 So., Fifth St., Mpls. 2, Fe. 8-7792 Ext. 162. [R] [1954]

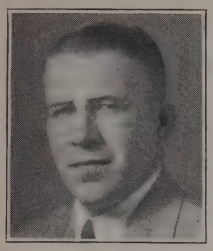
YOUNG, EDWARD F. — 4206 Crocker Ave., Mpls. 16, Morn., Wa. 2-3610; Universal Atlas Cement, Div. of USS Corp., Tech. Serv. Mgr., 2020 Rand Tower, Mpls. 2, Fe. 3-0324. [1929]



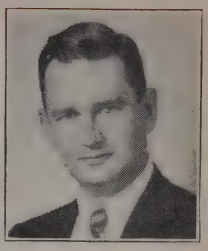
YOUNG, HAROLD E.—Box 3031, Pompano Beach, Florida. Retired. [R] [1925]



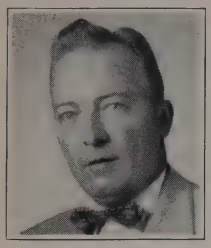
YOUNG, JOHN WESTLEY—1303 Seminary, St. P. 4, Mi. 4-5101; Gould National Batteries, Inc., Engr., 1728 Roblyn Ave., St. P. 4, Mi. 6-7515. [1955]



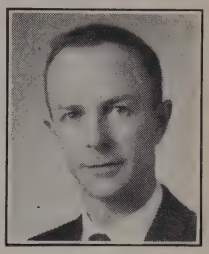
YOUNG, SPENCER L. — 2905 Georgia Ave., Mpls. 26, We. 9-9140; Mpls. Gas Co., Ind. Engr., 739 Marquette, Mpls. 2, Fe. 3-1133, Ext. 343. [1954]



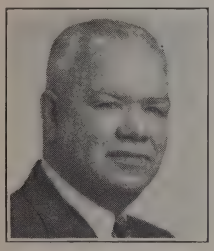
YOUNG, WILLIAM P.—121 Ridgeview, Wayzata, Gr. 3-9122; Blackstone Mutual Insurance, Ass't. V.P., Room 927, 608 2nd Ave. S., Mpls. 2, Fe. 9-0759. [1956]



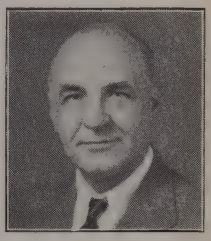
YOUNGER, K. E.—Long Lake, Minn., Gr. 3-6836; Terminal Electric Co., Oper. Mgr., 1201 So. 3rd St., Mpls. 15, Fe. 9-4891. [1955]



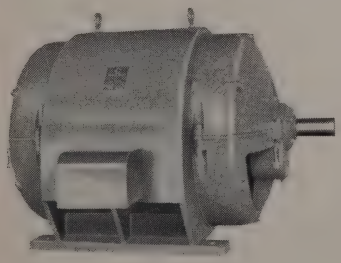
YOUNGGREN, DONALD K. — 3513 Virginia So., Mpls. 26, We. 8-9730; Honeywell Ord. Buyer, 600 2nd St. No., Hopkins, We. 5-5161 Ext. 8449. [1960]



ZIMMERMAN, LOYAL P.—5025 Harriet Ave. S., Mpls. 19, Ta. 3-7702; Minn. Highway Dept., Com. of Highways, Capitol Plaza, St. Paul 1, Ca. 2-3013. [R] [1930]



ZIMMERSCHIED, CLARENCE R. — 2124 Parklands Rd., Mpls. 5, Wa. 6-4957; Machine Specialties Mfg. Co., Pres. & Gen. Mgr., 4400 Lyndale Ave. N., Mpls. 12, Ja. 2-3331. [1925]



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BECK, PETER W., Northern States Power Co. ..... Fe. 8-7792
BEMENT, HERBERT D., Bement-Cahill Equipment Co. ..... Tu. 8-4131
CAHILL, RICHARD G., Bement-Cahill Equipment Co. ..... Tu. 8-4131
CAMPBELL, WILLIAM N., Motorola Communications & Electronics ..... Fr. 7-0374
CURRIER, RAYMOND G., Minneapolis-Honeywell ..... St. 8-8011
DENECK, DONALD H., Minneapolis-Honeywell ..... Fe. 2-5225
FOX, JACK O., The Louis Allis Company ..... Li. 5-5647
GUSTAFSON, CHARLES F., Ingersoll-Rand Co., ... Fe. 9-7005
HAFNER, EDWARD A., Cnan Div. Studebaker-Packard Corp. ..... Fe. 2-1155
HARMS. CARL E., Elliott Company ..... Fe. 3-5285
HAUSLEIN, ROBERT H., Geo. R. Mellema Company ..... Fe. 2-0528
HOODY, HOWARD J., John W. Stang Corp. ..... We. 5-5232
ITTENSOHN, JULIUS A., The Buhler Corp. ..... Ta. 5-6848
JOHNSON, HENRY I. JR., American Oil Co. ..... Mi. 6-4571
LITTLE, DUANE A., Sylvania Electric Products ..... Ta. 7-2818
MacNABB, ARTHUR W., Retired ..... Wa. 2-3650
MEANEY, DANIEL J. JR., Northern States Power Co. ..... Fe. 2-6251
NOLAN, GEORGE C., Northern States Power ..... Fe. 2-6251
PLAHEN, HOWARD L., Northern States Power Co. ..... Fe. 2-6251
RIEGGER, DONALD F., Riegger Roadways, Inc. ..... Tu. 1-2671
RIZZI, ARTHUR F., Crown Iron Works Company ..... St. 1-3101
SCHWIEDER, WESLEY E., Ford Motor Co. ..... Dearborn, Mich.
SIERK, HARRY G., Magney, Setter, Leach, Lindstrom & Erickson, Inc. ..... Fe. 8-741
SMITH, WILLIAM J., Ingersoll-Rand Co. ..... Fe. 9-7005
STRANE, ALLAN L., North Star Concrete Co. ..... St. 1-2625
WAGNER, THOMAS R., Minneapolis-Honeywell ..... Fe. 2-5225
WALKER, WALTER D., N. W. Bell Tel. Co. ..... Fe. 4-5552
WEBSTER, KEITH M., Wm. H. Ziegler Co., Inc. ..... Ta. 8-4121
YOUNG, JOSEPH B., Fed. Pacific Elect. Co. ..... Pa. 9-9318

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Roy H. Ingels

BECKMAN, ARNOLD, CO.—12900 Co. Rd. No. 60, Hopkins, Minn.....We. 8-4767
Arnold E. Beckman, Owner

BELL, M. DWIGHT—Consl. Engr., 804 Metropolitan Life Bldg., Mpls. 1.....Fe. 2-2700

BELL & EISS, Inc.—2102 Foshay Tower, Mpls. 2.....Fe. 3-4596
Warren R. Stanchfield, Sales Engineer

BEMENT-CAHILL EQUIPMENT CO.—7900 Irving Ave. S., Mpls. 20.....Tu. 8-4131
Herbert D. Bement, President
Richard G. Cahill, Vice-President

BEMIS BROS. BAG CO.—305 27th Ave. N. E., Mpls. 18.....St. 9-8821
Ronald J. Houck, Field Service

BEMIS, W. E., CO.—1645 Hennepin Ave., Mpls. 3.....Fe. 8-4684
Water E. Bemis, Owner

BENNETT OFFICE, THE—1601 Foshay Tower, Mpls. 2.....Fe. 2-8051
Russell H. Bennett, Mining Engineer

BERGER, CHARLES A.—3412 Second Ave. S., Mpls. 8.....Ta. 2-3077
Charles A. Berger, Refrig. Eng. & Arch.

BERGERSON-CASWELL, INC.—13120 Wayzata Blvd., Mpls. 26.....Li. 5-8834
Raymond K. Bergerson, Sec.-Treas.
Thomas B. Caswell, President

BERGSTROM-VERBARG CO.—622 Midland Bank Bldg., Mpls. 1.....Fe. 9-0028
Vernon L. Fargo, Sales Engineer
Jerome S. Lasley, Sales Engr.
Edward W. Verbarg, Owner

BETHLEHEM STEEL CORP.—First Nat'l Bk. Bldg., St. Paul 1.....Ca. 4-4391
Irvin S. Macgowan, Sales Engineer

BETTENBURG, TOWNSEND, STOLTE & COMB - Arch. & Engrs.—1437 Marshall Ave., St. Paul 4.....Mi. 6-2558
Sidney L. Stolte, Partner

BISSELL & BELAIRE—1111 Nicollet, Mpls.....Fe. 8-8924
Raymond A. Johnson, Engineer
Orville J. Parks, Adm. Asst.

BITUMINOUS ROADWAYS, INC.—2828 Longfellow Ave., Mpls. 7.....Pa. 1-2451
A. Wendell, Pres.

B—Continued

BJORKMAN BROS.—708 So. 10th St., Mpls. 4 ..... Fe. 6-9603
Paul J. McCormick, Mech Engr.

BLACKSTONE MUTUAL INS.—608 2nd Ave. So., Mpls. 2 ..... Fe. 9-0759
William P. Young, Assit. V.P.

BLESI-EVANS—2803 Riverside Ave., Mpls. 6 ..... Fe. 9-7019
Gordon L. Blesi, President

BOKERS INCORPORATED—3104 Snelling Ave., Mpls. 6 ..... Pa. 9-9365
John P. Boker, President
William E. Boker, Treasurer
Chester A. Engquist, Metallurgist

C. W. BORRESEN CONSTRUCTION CO.—5345 Woodlawn Blvd., Mpls. 17 ..... Pa. 2-6007
Chuck Borresen, Owner

BOUSTEAD ELECT. & MFG. CO.—109 Washington Ave. No., Mpls. 1 ..... Fe. 9-8831
Geo. P. Svendsen, President

BRADDOCK & BRADDOCK.—968 N. W. Bank Bldg ..... Fe. 3-0251
William A. Braddock, Partner

BRISTOL INST. CO.—717 Merchandise Bldg., Mpls. 6 ..... Fe. 3-0714
Julian S. Stenehjem, Resident Mgr.

BROCK-WHITE COMPANY—204 Humboldt Ave. N., Mpls. 5 ..... Fr. 4-3052
George F. White, Pres.

BROS, INC.—1057 10th Ave. S. E., Mpls. 14 ..... Fe. 1-5921
Henry K. Bancroft, Admin. Engr.
Kenneth D. Bros, Vice President
Russell G. Carpenter, Asst. Works Mgr.
Gordon O. Garis, Research Engineer
Paul J. Holcomb, Mgr., Power Equip. Div.
Charles J. Pehoski, Proj. Engineer, Power Equip. Div.
Stanley Watland, Design Engr.
Archie O. Williamson, Mgr. Road Machy. Div.

BRUCE PRINTING CO., H. N.—1218 2nd Ave. So., Mpls. 3 ..... Fe. 6-3363
H. N. Bruce, Owner

BRUNSON INST. CO.—925 2nd Ave. So., Mpls. 2 ..... Fe. 8-5489
Leo J. Tosel, Branch Mgr.

BUTLER MFG. CO.—900 6th Ave. S. E., Mpls. 14 ..... Fe. 3-8111
Robert M. Geisenheyner, Sales Engr.
Arnold M. Skjelbostad, Prod. Eng.

C

CAMPBELL, RALPH L. CO.—5825 Eastview Drive, Mpls. 24 ..... We. 9-2245
Ralph L. Campbell, Owner

CANADIAN REFRACTORIES—Box 68, Hamilton, Ontario, Canada ..... Jr. 7-4585
Robert E. Allen, Dist. Sales Mgr.

CARGILL, INC.—200 Grain Exchange, Mpls. 15 ..... Fe. 8-8511
Vernon J. Johnson, Asst. Chief Engr.

CARLSEN & CARLSEN—417 Plymouth Bldg., Mpls. 2 ..... Fe. 8-4777
Andrew E. Carlsen, Patent Lawyer

CARLSON-LaVINE INC.—2854 Columbus Ave. So., Mpls. 17 ..... Ta. 7-2541
Francis B. Coyle, Estimator

CARLSON, VICTOR & SONS, INC.—2318 Edgewood Ave., Mpls. 26 ..... Li. 5-5697
Walter J. Carlson, Vice President

CARTER, R. J. S.—1219 Flour Exch., Mpls. 15 ..... Fe. 5-1834
William R. Carter, Mfgrs. Rep.

CEDAR ENGR. CO.—5806 W. 36th St., Mpls. 16 ..... We. 9-1681
Charles W. Engelman
Charles W. North, Dir. of Eng. (Crystal, Minn.)

CEDERSTRAND, AUGUST CO.—966 Central Ave. N. E., Mpls. 13 ..... Fe. 5-6745
Stanley S. Cederstrand, Director
Walter M. Cederstrand, President
Axel B. Nelson, Vice President

CENTRAL SUPPLY CO.—2929 4th Ave. So., Mpls. 8 ..... Ta. 4-0705
George W. Frey, Jr., Sales Engr.

CENTURY ELECTRIC CO.—711 W. Lake St., Mpls. 8 ..... Ta. 7-2575
M. W. Tollefson, Dist. Sales Mgr.

CHAMPION CONST. & ENGINEERING CO., INC.—Long Island City, New York
Armin B. Sommer, Project Engineer

C—Continued

CHAR LYNN CO.—2843 26th Ave. S., Mpls. 6.....Pa. 9-2354
David F. Morgan, Prod. Mgr.

CHERNE CO., INC.—104 So. Suffolk, Ironwood, Mich.....818
John J. Mikesh, Chf. Engr.

CLARK, J. R. CO.—Spring Park, Minn.
James C. Lund, Engr.

COCHRANE CORP.—4010 W. 65th St., Mpls. 24.....Wa. 6-6549
Curtis T. Thompson, Br. Mgr.

COLWELL PRESS INC.—501 So. 6th St., Mpls.....Fe. 6-4347
Sydney L. Devin

COMBUSTION ENGINEERING, INC.—2500 Rand Tower, Mpls. 2.....Fe. 9-1155
Paul F. W. Waller, District Manager

COMMERCIAL AIR COND. INC—715 S. 8th St., Mpls. 26.....Fe. 9-4585
James L. Quade, Sec. Treas.

CONCORD MFG. CO., H.—509 1st Ave. N. E., Mpls. 13.....Fe. 9-8247
Harold L. Conrad, Pres.

CONTINENTAL ELECT. CO.—210 S. 5th St., Mpls. 2.....Fe. 3-8622
Earl Charles Schier, Dist. Sales Mgr.

CONTROL CORPORATION—718 Central Ave. N. E., Mpls. 14.....Fe. 5-7893
Victor E. Norton, Electrical Engineer

COOK CONSTRUCTION CO. GEO. F.—2833 Lyndale Ave. So., Mpls. 8.....Ta. 3-8211
H. Donnelly Black, Vice. Pres.
George F. Cook, President

COOPER-BESSEMER CORP.—5716 France Ave. So., Mpls. 10.....Wa. 2-7849
Robert B. Scott, Branch Manager

COOPER, PAGE CO.—829 S. 5th St., Mpls. 4.....Fe. 3-3431
Manufacturers Representatives

COSOM INDUSTRIES, INC.—6030 Wayzata Blvd., Mpls. 16.....Li. 5-2535
Norman R. Ness, Engr.

COURTESY CORP.—2727 Losey Blvd., LaCrosse, Wisc..... 2-5600
Irving C. Laviske, Pres.

COWIN & CO.—940 East Hennepin, Mpls. 14.....Fe. 1-1834
Milton E. Nordstrom, President

CROWN IRON WORKS CO.—1229 Tyler St. N. E., Mpls. 13.....St. 9-3556
Clifford H. Anderson, President
Thure Orefalk, Plant Engr.

CROWN SIGN & CONSTRUCTION CO.—717 W. 26th St., Mpls. 5.....Ta. 7-4863
Ben H. Christopher, Owner

CURTIS LIGHTING, INC.—225 Holly Road, Hopkins.....We. 8-4331
Warren D. Anderson, Sales Engineer

CUTLER-HAMMER, INC.—4439 Hiawatha Ave., Mpls. 6.....Pa. 1-4453
Leonard W. Christensen, Dist. Sales Engr.
Horace H. Ratcliff, Dist. Mgr., St. Louis, Mo.
Clyde A. Russ, Dist. Mgr.

CUTLER-MAGNER CO.—1325 Rand Tower, Mpls. 2.....Fe. 2-8409
Lester M. Bergford, Vice President
John W. Grant, Sales Engineer

D

DAHLBERG CO.—7731 6th Ave. N., Mpls. 27.....Li. 5-3721
James C. Olson, Insp. & Methods

DAKOTA ELECTRIC SUPPLY CO.—1017 4th Ave. No., Fargo, N. D.
Edward M. Shields, Vice-Pres.

DALSIN, BERNARD L. CO.—4532 Chicago Ave., Mpls. 7.....Ta. 3-7291
Richard L. Tepley, Sales Engr.

DAY SALES COMPANY, THE—810 3rd Ave. N. E., Mpls. 13.....Fe. 6-9671
Roy Gorgen, Pres.
Arthur B. Osgood,

DAYCOM, INC.—157 Bryant Ave. N. Mpls. 3.....Fe. 6-5511
Frank N. Eidsvoog, Design Engr.
Ben L. Tomlinson, Vice Pres.

DAYTON COMPANY, THE—7th and Nicollet, Mpls. 2.....Fe. 2-6123
Arthur C. Renne, Building Superintendent

DAYTON ROGERS MFG. CO.—2824 13th Ave. So., Mpls. 7.....Ta. 5-2471
Robert M. Gold, Chief Engr.

DEAN CASTINGS MFG. CO.—1220 3rd St. So., Mpls. 15.....Fe. 3-3496
Alfons N. Kraus, Partner

DE BOURGH MFG. CO.—2924 27th Ave. So., Mpls. 6.....Pa. 9-2341
William D. Blunt, Superintendent
Robert D. W. Berg, Pres.
Donald D. Dickey, Sales Engr.

DEEP DRAW CORP., THE—712 Ontario W., Mpls. 3.....Fe. 8-7053
Harry G. Miller, Vice President & General Manager

DELIN, NORMAN W. BLDG. CONTR.—5048 Logan Ave. So., Mpls. 19.....Wa. 2-4050
Norman W. Delin, Owner

DENISON ENGR. CO., Div. Am. Brake Shoe Co., Columbus, Ohio
Carl W. Lindahl, Works Mgr.

DETROIT LAKES LIGHT & WATER DEPT.—Detroit Lakes
Clarence H. Nelson, Manager

DEWEY PORTLAND CEMENT CO.—Baker Bldg.....Fe. 6-3918
Holland W. Phillips, Sales Repr.

DIAMOND CHAIN CO.—215 6th St. S. E., Mpls. 14.....Fe. 8-6196
Eugene C. Hauck, Dist. Rep.

DINHAM CO., R. G.—814 Wesley Temple Bldg., Mpls. 3.....Fe. 2-1531
Raymond G. Dinham, Owner

DOELL, CHAS. E.—7225 6th Ave. No., Mpls. 27, [Golden Valley].....Li. 5-8246

DOLAN-FELDHAUS CO.—5 W. Lake St.....Ta. 7-2613
Thomas P. Dolan, Partner
Ralph J. Feldhaus, Partner

DON BAYERS ENGR. CO.—200 Upper Midwest Bldg., Mpls. 1.....Fe. 2-0709
Don Bayers, Owner

DONALDSON CO., INC.—666 Pelham Blvd., St. Paul 4.....Mi. 5-3401
Rob't J. Lunn, Research Director

DORR-OLIVER INC.—2703 E. Lake St., Mpls. 6.....Pa. 1-5711
Thomas E. Kroth, Sales Mgr.

DOUGLAS-STEMAC, INC.—620 12th Ave. So., Mpls. 4.....Fe. 9-8051
C. T. Skanse, President

DOYING, D. H., Co.—1645 Henn. Ave., Mpls. 3.....Fe. 5-6055
Dean H. Doying, Owner

DUGGER & JOHNSON—832 Midland Bank Bldg., Mpls 1.....Fe. 9-2775
Ralph L. Dugger, Partner
Clayton R. Johnson, Partner

DUNWOODY INDUSTRIAL INSTITUTE—818 Wayzata Blvd., Mpls. 3.....Fe. 6-2671
Roy M. Spilman, Sales

DURKEE-ATWOOD CO.—215 N. E. 7th St., Mpls. 13.....Fe. 2-0441
Carl F. Walz, Vice Pres.

DYGERT CO.—990 N. W. Bank Bldg., Mpls. 2.....Fe. 3-0600
Edwin S. Dygert, Mfg. Agent

E

EAGLE IRON WORKS—829 S. 5th St.....Fe. 6-9661
John M. Hall, Sr., V.P.

EBASCO SERVICE, INC.—New York, N. Y.
John H. Moore, Mechanical Engineer

EGAN, FIELD & NOWAK—129 W. Lake St., Mpls. 8.....Ta. 7-1775
Harold L. Hofstrand, Pres.

ELECTRIC MACHINERY MFG. CO.—800 Central Ave. N. E., Mpls. 13.....Fe. 9-6751
Henry J. Basil, Electric Engineer
Ikel C. Benson, Patent Attorney and Electrical Engineer
James S. Berman, Sales Engineer
Sanford P. Bordeau, Advertising Manager
Charles M. Burns, Mgr. Hdgtrs. Sales
Arthur P. Burris, President
Wallace O. Carlson, Assistant in Advertising Department
Russell E. Christofk, Design Engr.
Horace Gelinas, Manager of Mfg.
Michael Grimes, Test Supv.
Otto Halstensen, Chief Inspector
Harry E. Head, Engineer
Albert E. Hoffman, Electrical Engineer
Raymond F. Horrell, Ch. Engr., Ind. Machines
Elton J. Jacobson, Development Engr.
Neil G. Jenewein, Control Engr.
Evert H. Jernberg, Chief Mech. Engr.
Irving H. Johnson, Design Engineer
Earl W. Kammerer, Chief Engr. Cont. Div.
Robert J. Kolar, Mech. Engr.

E—Continued

Richard H. Kutscher, District Manager (Cleveland, Ohio)
Oscar C. Lee, Cost Engineer
John D. Luhman, Design Engr.
Eugene F. Nelson, Elect. Design
Milton C. Nelson, Sales Engr.
Vincent T. Neubauer, Electrical Design Engineer
Chester E. Olson, Control Engineer
Gerhard L. Oscarson, Chief App. Engineer
Russell C. Powers, Design Engr.
Thomas G. Rohner, Research Engr.
Wesley O. Sauby, Mechanical Design Engineer
David W. Schlicher, Development Engineer
Waldemar Sjoquist, V.P.
Benjamin H. Smith, Jr., Design Engineer
Herb N. Sommer, Dist. Mgr.

ELECTRICAL JOBBERS EQUIPMENT CO.—619 4th Ave. So., Mpls. 15.....Fe. 6-6321
Roy L. Grover, Sales Engineer
Charles F. Healy, Sales Engineer

ELECTRO NUCLEAR SYSTEMS CORP.—4526 Excelsior Blvd., Mpls. 16.....Li. 5-1475
Paul A. Christian, Proj. Engr.

ELECTRO-SERV. CO.—4901 Dawnview Terrace, Mpls. 22.....Ju. 8-0411
Loren A. Helling, Owner

ELK RIVER CONCRETE PRODUCTS CO.—650 Builders Exch., Mpls. 2.....Fe. 6-2679
Harry T. Callinan, Sales Rep.

ELLERBE & CO.—333 Sibley St., St. Paul 1.....Ca. 2-6696
William T. Hartman, Engr.
Laurence J. Neubauer, Mechanical Engineer

ELLIOTT CO.—1729 Nicollet Ave., Mpls. 3.....Fe. 3-5285
Howard D. Mateffy, Div. Mgr.

EMPLOYEES MUTUAL OF WAUSAU—Rand Tower, Mpls. 2.....Fe. 3-2405
Walter W. Manson, Safety Engr.

ENGINEERED SALES CO.—314 W. 38th St., Mpls. 9.....Ta. 4-0696
Eugene Holzer, President
Thomas F. Cross, Partner

ERECTORS, INC.—260 N. Fry, St. Paul 4
Thomas P. Sutherland, Pres.-General Mgr.

ERICKSON POWER LIFT TRUCKS, INC.—211 St. Anthony Blvd. N. E., Mpls. 18 St. 1-9508
Henry G. Geer, Chief Engr.

ERSKINE CO., W. H.—Box 72, Traffic Station, Mpls. 3.....Mi. 4-7992
Lawrence F. Erskine, Sales Engineer

F

FABRI-TEK—Amery, Wisc.....Co. 8-7155
Donald K. Lind, Engr. Sales Mgr.

FADDEN PUMP CO.—1551 University Ave., St. Paul 4.....Mi. 5-5517
Glen L. Fadden, Pres.

FAIRBANKS MORSE & CO.—1121 Flour Exchange Bldg., Mpls. 15.....Ca. 4-7603
Bernard M. Lamb, Sales Engr.
Robert E. Elam, Sales Engr.
Wesley J. Larson, Scale Dept. Mgr., St. Paul
John G. Mitchell, Mgr.

FARMERS & MECHANICS SAVINGS BANK—90 So. 6th, Mpls. 2.....Fe. 9-2515
Arthur J. Helland, Asst. V. Pres.
Howard L. Imme, Asst. to V.P. of City Mortgage Dept.

FARNHAM, C. W.—809 Wesley Temple, Mpls. 3.....Fe. 5-3487
Carlton W. Farnham, Owner

FASTH, HILLSTROM & HORTY, INC.—2649 Park Ave. So., Mpls. 7.....Fe. 6-8309
Carl D. Elving, Engr.

FEDERAL AVIATION AGENCY—4825 Troost Ave., Kansas City, Mo.....Pl. 3-4900
Robert E. Burlingame, Elec. Engr.

FEDERAL PACIFIC ELEC. CO.—3746 Cedar Ave. So., Mpls. 7.....Pa. 9-9318
Joseph B. Young, Dist. Mgr.

FEDERAL SKI & ENG. CORP.—3456 No. Mississippi Drive., Mpls. 12.....Ja. 9-9566
Emmett J. Boucher, V.P.

FEGLES-POWER SERVICE—Sioux Falls, South Dakota
Stanley E. Markey, Project Engr.

F—Continued

FIELD CO., C. O.—2940 Harriet Ave., Mpls. 8.....Ta. 4-2631
Cyrus O. Field, President and Treasurer

FIRE BRICK SUPPLY CO.—1258 Donohue Ave., St. Paul 4.....Mi. 6-6177
T. H. Palmer, Manager

FISHER GOVERNOR CO.—Marshalltown, Iowa
Robert C. Lisk, Ass't. Sales Manager

FISKE & CO., HAROLD C.—2255 Rand Tower, Mpls. 2.....Fe. 3-8151
Harold C. Fiske, Rep.

FLO-TRONICS, INC.—1420 Zarthan Ave. So., Mpls. 16.....Li. 5-1441
Herbert E. Weyrauch, Sales Engr.

FLOUR CITY BRUSH CO.—1501 4th Ave. S., Mpls. 4.....Fe. 8-8643
Gilbert J. Grady, Chief Engr.

FLOUR CITY ORNAMENTAL IRON CO.—2637 27th Ave. So., Mpls. 6.....Pa. 4-5471
Gunnar E. Peterson, Asst. Chief Engineer
Carl R. Schuler, Vice Pres. and Prod. Manager
John F. Svoboda, Sup.
Lester A. Davis, Asst. Chf. Eng.

FOOTHILL ELECT. CORP.—1021 6th Ave., Oakland, Calif.
Orville R. Toman

FORD MOTOR CO.—966 So. Miss. River Blvd., St. Paul 1.....Mi. 9-1321
Charles S. Edquist, Design Engr.
James D. Gable, Plant Engineer
Robert Hansen, Mgr. Mfg. Engr.
Melvin G. Johnson, Chief Engineer
Eugene F. Peltola, Supv. Employee Services

FORD MOTOR CO.—20000 Rotunda Drive, Dearborn, Mich.....Lo. 3-3000
Wesley E. Schwieder

FREEDLAND, LEWIS D. CO.—1009 Marquette Ave., Mpls. 3.....Fe. 5-4231
Lewis D. Freedland, Owner

FREY AND BERGSTEN E. E.—734 E. Lake St., Mpls. 7.....Ta. 7-4691
Irvin L. Boyum, Cons. E. E.

FROST PAINT AND OIL CORP.—1209 N. E. Tyler, Mpls. 13.....St. 9-8871
Douglas R. Manuel, Vice President

G

GADBOIS, LEON C., CO.—2514 University Ave. S. E., Mpls. 14.....Fr. 1-2811
Leon C. Gadbois, Owner

GANNETT FLEMING CARDDRY & CARPENTER—600 No. 2nd St., Harrisburg, Pa.
Conrad C. Wilbur, Res. Engr.

GARDNER HARDWARE CO.—515 Washington Ave. No., Mpls.....Fe. 3-3393
John J. Healy, V. P.

GEER, HENRY G.—3343 James Ave. N.....Ja. 9-4473
Henry G. Geer, Contract Drafting & Designing

GENERAL ELECTRIC CO.—630 Plymouth Bldg., Mpls. 2.....Fe. 8-6771
Geo. W. Alexander, Application Eng.
Marcus E. Bartz, Serv. Spec. Component Prod.
Philip G. Bowman, Inst. & Serv. Eng. Mgr.
Gordon C. Blair, Sales Engr.
James R. Carlson, Sales Engr.
John E. Conley, Sales Engr.
Emil W. Doerr, Mgr. Equip. & Spec. Sales
David J. Ekberg, Sales Engineer
Carl A. Fagrelius, Sales Engr.
Arthur F. Gettelman, Application Engineer
John L. Gorene, Sales Engr.
Eugene J. Grassie, Mgr. Service Dept.
Lloyd H. Major, Sales Engr.
Leland S. Myhre, Field Engr.
Robert E. Nelson, Mgr. Aviation & Defense Sales
Lon O. Nordeen, Sales Engr.
Richard L. Pearce
Robert L. Pearce
John K. Pike, App. Mgr. User Industries
Glenn E. Troyak, Sales Engineer
Dean M. Rand, Repair Spec.
Robert E. Stewart, Sales Engr.

GENERAL ELECTRONIC CONTROL, INC.—8001 Bloomington Freeway, Mpls...Tu. 8-5511
Gerry H. Bach Div. Pres.

GENERAL MILLS, INC.—

General Offices—9200 Wayzata Blvd.....Li. 5-2811
Wesley C. Borgeson, Staff Engr.

Research Dept.—2010 E. Hennepin, Mpls. 14.....Fe. 6-0371
George Long, Prin. Mech. Engr.
Takuzo Tsuchiya, Section Leader

Mechanical Division—1620 Central Ave., Mpls. 13.....St. 9-8811
Ernest A. Coester, Senior Engr.
Merle W. Cuthbertson, Project Engr.
Raymond I. Hakomaki, Sales Engr.
Erhardt P. Konopka, Development Engineer
A. Harvey Nelson, Development Engineer
Earl A. Olson, Principal Engr.
Frank J. Stenberg, Sales Eng.
H. Arnold Westby, Proj. Engineer

GIERTSEN CO., WALTER D.—3501 Xenwood Ave., Mpls. 16.....We. 9-4635
Ashley P. Fisher, V.P.

GLACIER SAND & GRAVEL CO.—70th St. & France So., Mpls. 10.....Wa. 6-1651
Donald O. Erickson, Mgr.
Allen B. Benzick, Sales Mgr.

GLOBE CO.—4000 So. Princeton Ave., Chicago, Ill.....Bird. 8-2180
Louis J. Friestedt, Sales Mgr.

GLUEK BREWING CO.—2000 Marshall St. N. E., Mpls. 18.....St. 9-4331
Jerome S. Haggenmiller, Ch. Chemist

GOEBEL, ART, INC.—12 Public Square, Anoka, Minn.
Arthur F. Goebel, V. P.....Ha. 1-4060

GODWARD, ALFRED C.—1035 N. W. Bank Bldg., Mpls. 2.....Fe. 6-7177
Alfred C. Godward, Consulting Engineer

GOOD MFG. CO.—1015 N. Halsted St., Chicago, 22, Ill.....De. 7-0167
Louis J. Friestedt, Sales Mgr.

GOODYEAR TIRE & RUBBUR CO.—5100 W. 35th St., Mpls. 16.....Wa. 7-7381
Donald E. Letson, Application Engineer

GORGEN CO., THE—814 So. 9th St., Mpls. 4.....Fe. 2-7343
Joseph A. Craig, Pres.
Robert Stark, Sales Engr.

GORGENSON, ERIC G. L.—Deerwood, Minn.
Eric G. L. Gorgenson, Consulting Engr.

GOULD NATIONAL BATTERIES, INC.—1728 Roblyn Ave., St. Paul 4.....Mi. 6-7515
John W. Young, Engr.

GRAY CO., INC.—60 11th Ave. N. E., Mpls. 13.....Fe. 6-9333
Basil A. Beaver, Assistant Chief Engineer
Charles F. Murphy, Asst. Chief Engr.
Wm. D. Vork, Production Engineer

GRINNELL COMPANY—623 Washington Ave. So., Mpls. 1.....Fe. 2-0321
Donald M. Forfar, Mechanical Engineer
Hugh J. Ruddy, Branch Manager

GROVES & SONS CO., S. J.—505 Wesley Temple, Mpls. 3.....Fe. 8-6943
P. F. Huntington, Vice President

GROVES, LUNDIN & COX—310 Wesley Temple, Mpls. 3.....Fe. 8-7033
Allen E. Cox, Vice Pres.

GRUDEM BROS. CO.—635 Prior Ave., St. Paul 4.....Mi. 6-7404
Irvin Grudem, President

GUPTIL CO., CHAS. W.—1694 Grand Ave., St. Paul 5.....Mi. 9-3995
Chas. W. Guptil, Owner

GUTE CO.—1118 Foshay Tower, Mpls. 2.....Fe. 8-2151
Thomas V. Poole, Sales Engr.

H

HARBISON, WALKER REFRACTORIES CO.—1409 Willow St., Mpls. 3.....Fe. 6-4166
Demler, Max W., Sales Engr.

HARLEY TURNER CO.—3160 France Ave. N., Mpls. 22.....Ju. 8-1669
Harley Turner, Owner

H. R. HARRIS CO.—807 13th Ave. S., Mpls. 4.....Fe. 6-4388
Harold R. Harris, Owner

HARTFORD STEAM BOILER INSPECTION & INS. CO.—1009 Marquette Ave., Mpls. 3.....Fe. 6-3331
John H. Mechler, Inspection

H—Continued

HAYDEN HARDWARE CO.—117 Wildwood Rd., White Bear Lake 10, Minn.....Sp. 7-6722
Howard L. Hayden, Owner

HAYDEN-MURPHY EQUIP. CO.—4501 Hiawatha Ave., Mpls. 6.....Pa. 9-8308
Charles T. Murphy, Vice Pres.

HELMICK & LUTZ—1315 Glenwood Ave.....Fr. 7-5070
Dan S. Helmick, President
Raymond T. Lesch, Engineer

HERRMANN, RAYMOND R.—1357 Raymond Ave., St. Paul 8.....Mi. 6-3946
Raymond R. Herrmann, Consulting Engr.

HEWITT-ROBBINS, INC.—3418 E. Lake St., Mpls. 6.....Pa. 9-0085
Emmet C. Tumini, Field Eng.

HITCHCOCK AND ESTABROOK INC.—2101 W. 78th St., Mpls. 23.....Un. 6-8793
Lester D. Lee, Pres.

HUGHES BROS., INC.—Seward, Neb.....Phone 6188
John W. Ankenmann, Sales Manager

HURD, MARK AERIAL SURVEYS, INC.—345 Pennsylvania Ave., Mpls. 26.....Li. 5-2583
Mark M. Hurd, Chairman, Board
Joseph P. Burns, Vice Pres.

HYDRA-POWER ENGR.—17525 LaSalle St., Wayzata.....Gr. 3-9584
Wallace B. Jenkinson, Sales Engr.

I

INDUSTRIAL ELECTRIC CO.—600 So. 9th St., Mpls. 4.....Fe. 5-1268
George R. Jones, President
Sherman A. Wollan, V. P.

INDUSTRIAL SUPPLY CO.—1100 3rd Ave. S., Mpls. 4.....Fe. 9-8111
Harold W. Gee, Design Engr.

INGERSOLL RAND CO.—2020 Snelling Ave., Mpls. 5.....Fe. 9-7005
Charles F. Gustafson, Sales Engr.

INGERSOLL RAND CO.—11 Broadway, New York 4, N. Y.....Digby 4-6070
Bernard J. Cassidy, Sales Engr.

INSTRUMENTATION SERVICES, INC.—917 Plymouth Ave. N., Mpls. 11.....Ja. 1-6267
M. E. Todd, Pres.

INTERNATIONAL RECTIFIER CORP.—6453 Lincoln Ave., Chicago 45, Ill.
Lawrence W. Phinney, District Representative

INTERSTATE STEEL CO. OF MINN.—2255 Rand Tower, Mpls. 2.....Fe. 9-6825
Robert E. Walker, Sales Mgr.

IOWA LIGHT & POWER CO-OP.—Montpelier, Iowa.....AM. 3-6898
Roy H. Ingels, Supt.

IRONS, ROY C. & CO.—777 Holton, St. Paul 4.....Mi. 4-9176
Roy C. Irons, Owner

ITASCA ENGINEERING, INC.—3404 University Ave. S.E., Mpls. 14.....Fe. 6-5595

I. T. E. CIRCUIT BREAKER CO.—2025 Nicollet Ave. S., Mpls 3.....Fe. 9-8796
Harvey E. Brownson, Field Engr.
John J. Sedlacek, District Manager
Thomas D. Williams

J

J. C. EMPLOYMENT SERVICE—1190 N. W. Bank Bldg., Mpls. 2.....Fe. 2-7585
Henry A. Jensen, Partner

JACOBSON, ARTHUR C.—338 E. Franklin Ave., Mpls. 4.....Fe. 6-1805
Arthur C. Jacobson, Mfg. Rep.

JACOBSON MACHINE WORKS—1090 10th Ave. S. E., Mpls. 14.....Fr. 1-1387
Howard C. Jacobson, President

JEFFREY MFG. CO.—6301 W. Lake St., Mpls. 16.....We. 9-8464
Paul S. Cole, Sales Engr.

JENSON, OSCAR E.—2348 Seabury Ave., Mpls. 6.....Pa. 4-1772
Oscar E. Jenson, Owner

JOBES, MILTON—1524 James Ave. No., Mpls. 11.....Ja. 2-1231
Milton Jobes, Owner

JOHNS-MANVILLE CORP.—3100 West Lake St., Mpls. 16.....Wa. 7-9991
James G. Williams, Region Mgr., Milwaukee

JOHNS-MANVILLE PRODUCTS CORP.—3100 W. Lake St., Mpls. 16.....Wa. 7-9991
Robert S. Preston, Sales Engr.

JOHNSON CO., ALTON M.—3119 Lynn Ave. So., Mpls. 16.....Wa. 7-8741
Alton M. Johnson, Owner
Robert O. Anderson, Salesman
Ralph S. Eide, Sales Engineer

JOHNSON, BERTIL L.—4437 Upton Ave. So., Mpls. 10.....Wa. 6-3240
Bertil L. Johnson, Contr.-Owner

JOHNSON CO., J. DAVID—P. O. Box 558, Anoka.....Ha. 1-1445
J. David Johnson, Pres.

JOHNSON & HIGGINS—610 Roanoke Bldg., Mpls. 2.....Fe 8-0685
Donn W. Bullard, Eng.

JOHNSTON MFG. CO.—2825 East Hennepin Ave., Mpls. 13.....Fr. 1-7939
Raymond J. Shannon, Sales

JOSLYN MFG. & SUPPLY CO.—731 N. Prior Ave., St. Paul 4 .....Mi. 6-1838
Daniel R. J. Stine, Dist. Sales Mgr.

K

KAISER ALUMINUM CO.—3033 Excelsior Blvd., Mpls. 16.....Wa. 6-1861
John D. O'Brien, Sales Engr.
Lowell E. Randgaard, Sales Mgr.

KELLEY & KELLEY—Long Lake
Wm. S. Kelley, Jr., President

KEHNE ELECTRIC CO., INC.—722 Raymond Ave., St. Paul 14.....Mi. 6-2594
Edward D. LaPointe, Jr., Eng.

KIBBEY ENGR. & CONST. CO.—5508 Dundee Rd., Mpls. 24.....We. 9-0724
Robert E. Johnson, Pres.

KIEKHAEFER CORP.—157 Western Ave., Cedarburg, Wis.....Da. 7-4200
Daniel A. Armstrong, Chief Engineer

N. S. KINGSLEY—5225 York Ave. So., Mpls. 10.....Wa. 2-3558
N. S. Kingsley

JOHN G. KINNARD & CO.—133 So. 7th St., Mpls. 2.....Fe. 9-8578
Frederick D. Blanch

KLASS CO., THE—814 So. 9th St., Mpls. 4.....Fe. 8-8427
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Fred Klass, V.P.
Frederick H. Klass, President

KNAPP, DONALD V., ENGR.—9600 Logan Ave. No., Mpls. 12.....Osseo 4929
Donald V. Knapp, Owner

KOHOUT, FRANK J.—Consulting Waterproofing Engineer, 316 Gorham Ave., Mpls. 26.....We. 9-5252

KUEMPEL CHIME CLOCK CO.—3611 Brunswick Ave., Mpls. 16.....We. 9-4241
Reuben Kuempel, President

KULLBERG MFG. CO.—600 Main St. N. E., Mpls. 13.....Fe. 9-6331
Ray E. Kullberg, President

KVALSTEN ELEC. CO.—905 Park Ave., Mpls. 4.....Fe. 2-5361
George L. Gustafson, Elec. Contr.

L

LAGERQUIST & SONS, INC., GUST—614 Bradford Ave. N., Mpls. 11.....Fe. 5-3235
Carl S. Lagerquist, Vice-Pres. & Sec'y.

LAKELAND ENGR. EQUIPMT. CO.—116 3rd Ave. No., Mpls. 1.....Fe. 8-7531
Bill Fox, V.P.

LAMBERT TRUCKING CO., HENRY—101 1st Ave. N. E., Mpls. 13.....Fe. 3-0565
Henry A. Lambert, President

LANG & CUMMINGS, INC.—400 Sexton Bldg., Mpls. 5.....Fe. 2-8755
Paul F. Cummings, Consulting Eng.

LANGFORD ELECTRIC CO.—422 N. E. Roosevelt St., Mpls.....St. 1-4851
David P. Schmidt, Elec. Eng.

LANG & RAUGLAND—802 Wesley Temple Bldg., Mpls. 3.....Fe. 2-5401
Austin H. Lange, Partner
Orvall S. Domholt, Chief Structural Designer

LANGE, AUSTIN INC.—Rte. 4 Box 369-D, Excelsior, Minn.....Gr. 4-7259
Austin H. Lange, Owner

LAURENCE CO., PAUL A.—416 Builders Exchange, Mpls. 2.....Fe. 8-6751
John W. Kuhn, V. P.
Paul A. Laurence, President

LAYNE MINNESOTA COMPANY—3147 California St. N. E., Mpls. 18.....St. 1-9553
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Robert L. Ohman
Lee Rogers, President
Hilton Schuchman, Contacting Sales
Howard O. Vaars, Contracting Engineer
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Theodore J. Wilson, Chief Engr. Ground Support Equip. Div.

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Lester D. Lee, Pres.

LEHIGH PORTLAND CEMENT CO.—1212 First Nat'l. Bldg. Mpls. 2.....Fe. 2-6438
Kenneth H. Klassy, Civil Engineer

LETOURNEAU, ROY G. CO.—3248 North 2nd St., Mpls. 12.....Ja. 2-3364
Roy G. Letourneau, Pres.

LEWIS, GEO. R., CO.—2036 Queen Ave. So., Mpls. 5.....Fr. 7-5002
Gordon C. Lewis, Sales Engineer
Geo. R. Lewis, Owner

LIEBENBERG & KAPLAN—51 So. 13th St., Mpls. 3.....Fe. 2-2404
Herbert S. Larson, Arch.

LINE MATERIAL INDUSTRIES—500 W. 79th, Mpls. 20.....Tu. 1-5841
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Thomas D. Williams, Field Engr.
Ernest E. Thompson, Field Engr.

LINK-BELT COMPANY—200 Lyndale Ave. No., Mpls. 5.....Fe. 3-5575
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R. W. Hoag, Sales Engineer
J. K. Lovrien, Ch. Engr.
Gerald A. Stone, Gen. Mgr.

LIVINGSTON AND ENGER—4516 Garfield Ave., Mpls. 9.....Ta. 4-7403
Edward H. Enger, Partner

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Raymond F. Bell, Supervisor
Harry A. Kurtze, Research Eng.
Eugene Larson, Sales Mgr.
Robert D. Longyear, Chairman of Board

LUNDBECK, R. A. CO.—1900 Univ. Ave., St. Paul 4.....Mi. 6-4523
Ralph E. Jacobson, Eng.

M

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Robert E. Jordan, Sales Engineer

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Frank J. Kohout, Consulting Water Proofing Eng.

MACHINE SPECIALTIES MFGR. CO.—4400 Lyndale No., Mpls. 12.....Ja. 2-3331
Clarence R. Zimmerschied, Pres. & General Manager

MACK ENGINEERING CO.—2626 31st Ave. So., Mpls. 6.....Pa. 1-2471
Mack L. Salisbury, Owner
Ward H. Ingersoll, Gen. Mgr.

MACK MOTOR TRUCK CORP.—2505 Univ. Ave., St. Paul 14.....Mi. 6-7933
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Herbert E. Weyrauch, Contract Sales
Clayton D. Mullin, Chf. Engr., Acoustic Prod.

MALONE, H. E.—759 N. Milwaukee St., Milwaukee, Wis.
H. E. Malone, Consulting Engineer

MANGAN CO., R. J.—712 So. 10th St., Mpls. 4.....Fe. 2-5301
Albert W. Schultz, President

M—Continued

MANUFACTURERS & FABRICATORS, INC.—Elyria, Ohio.....Fairfax 2-5467
Theodore F. Schilling, President & Gen. Manager

MANUFACTURERS SUPPLY CO.—2446 Univ. Ave., St. Paul 14.....Mi. 5-7769
Geo. O. Forseth, Sales Engr. & Owner

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John J. Schlenk, Engineer

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Charles B. Gates, Val. Engr.
Bennett R. Kowalski, Dist. Mgr.

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Eugene E. Halverson

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Jack D. Lee, Owner

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G. William Lange, Sales Engr.

MELLEMA CO., GEO. R.—620 Plymouth Bldg., Mpls. 2.....Fe. 2-0528
Geo. R. Mellema, Pres.
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MEYER GOVERNOR CO.—284 Baker Bldg., Mpls. 2.....Fe. 2-0019
Adolph F. Meyer, Cnsl. Hydr. Engr. & Mgr.

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Frank C. Kiesner, President

MIDWEST AUTOMATION, INC.—Chanhassen.....Gr. 4-5903
Gary A. Visser, V.P. & Ch. Engr.

MIDWEST OIL CO.—25th and Minnehaha Ave., Mpls. 4.....Pa. 4-5411
Brent T. Harding, Chief Eng., Ind. Dept.

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Edw. Braddock, Park Board Engineer
Robert G. Bruce, Resr. Engr.
Wilmer F. Clark, Sr., Engineer II
Felix K. Dhainin, Landscape Arch, Board of Park Comm.
Chas. E. Doell, Supt. Emeritus, Board of Park Comm.
Donald A. Erickson, Inspector of Bldgs.
Hugo Erickson, Coordinator
Julian R. Garzon, City Assessor
Lynden H. Johnson, City Engr. Office
David R. Koski, Engr. I
Elmer H. Lund, Supt. of Streets
Howard I. Moore, Supt. of Parks
Helge G. Olson, Supt. Bldg. & Grounds
DelRoy C. Peterson, Chief of Operations Division
E. R. T. Peterson, Retired
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Ralph H. Sprungman, Traffic Engineer
Lynn E. Starkey, Chief Sidewalk Division
Ronald W. Welbaum, Supt. Bureau of Identification, Police Dept.

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Warner P. Blake, Chief Engineer
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2747 4th Ave. So., Mpls. 8 ..... Fe. 2-5225
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Marvin C. Borell, Staff Writer
Ralph A. Bowman, Materials Eng.
Ralph W. Braun, Quality Mgr.
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George N. Einan, Proc. Engr.
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D. C. Francis, Engr.
Stanley L. Furber, Mgr. Semi-Conductor Products Div.
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Edw. E. W. Martinson, Sr. Engr.
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Leonard Mayeron, Chf. Materials Engr.
Stanley W. Nickells, Design Supervisor
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Carl E. Swanson, Prod. Mgr.
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James P. Haskins, Production Engr.
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Paul A. Sandstrom, Senior Devel. Engineer
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Joseph O. Thorsheim, Sr. Research Scientist

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Norman R. Ness, Standards Engr.
William Eugene Swenson, Director of Engineering
Wesley E. Schwieder, Ch. Engr.

MPLS.-NFLD. & SO. RY.—Pence Bldg., 911 Henn., Mpls. 3 ..... Fe. 6-5301
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M. ST. P. & SAULT ST. M. RY.—(See Soo Line Ry.)

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James A. Colvin, Dir., Public Relations

MINNESOTA ELECTRONICS—3546 Dakota Ave., Mpls. 16 ..... We. 9-4687
Murray J. Risch, V. P.

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Victor M. Klein, Publ. Engr.

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Chas. E. Doell, Editor

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Ward M. Hanson, Supv.

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J. H. Davidson, Chief Engineer
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H. M. Mueller, President

MUNICIPAL SUPPLY CO.—3601 48th Ave. No., Mpls. 22.....Ju. 8-2755
Nathan W. Simcor, Owner

N

NALCO CHEMICAL CO.—6504 Walker St., Mpls. 26.....We. 9-6718
Melville H. Bischoff, Dist. Mgr.

NASON-LAW-WEHRMAN & KNIGHT INC.—2101 Henn. Ave., Mpls. 5.....Fr. 4-5790
Kieth B. Wehrman, Partner

NATIONAL FOOD STORES INC.—Excelsior Blvd. & Interlachen Road., Hopkins We. 8-3521
Clarence A. Dow, Safety Cnsl.

NELSON CO., A. X.—1300 Foshay Tower.....Fe. 8-6579
A. X. Nelson, Owner

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Leslie M. Oare, V. P.

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James H. Peebles, Chief Engineer Supt.

NICHOLS, ARTHUR C., Consl. Landscape Arch.—5129 Wentworth Ave., Mpls. 9..Ta. 2-2963

NOBLES ENGR. & MFG. CO.—645 E. 7th St., St. Paul 6.....Pr. 1-5581
Warren H. Nobles, Pres.

NORTH STAR CONCRETE—1401 Arthur St. N. E., Mpls. 13.....St. 1-2625
John E. Hopkins, Manager

NORTHERN STATES POWER CO.—15 So. Fifth St., Mpls. 2.....Fe. 8-7792
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William M. Barnum, Chief Testing Engr.
Anthony W. Benkusky, Engr.
John A. Berner, Electrical Engineer
Herbert G. Bieging, Supv.
Otto T. Bouquet, Rate and Research Engineer
Thomas D. Boyce, Junior Engr.
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Clough, Ronald H., Jr. Engineer
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Thomas A. Connelly, Ind. Sales Engr.
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James B. Delano, Ind. Sales Eng.
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John W. Hoffmann, Mgr. Fuel Procurement, Research & Insurance
Milton T. Jamieson, General Superintendent, Minneapolis Division
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L. K. McLeland, Manager St. Cloud Office
Donald W. McCarthy, Mgr. Minnetonka Div.
Joseph S. Mayer, Assist. Gen. Sales Mgr.
Daniel J. Meaney Jr., Jr. Engr.
John H. Merriman, Planning Engineer
Frank S. Morgan, General Supt. of Bldgs.
Marvin Nabben, Agricultural Engineer
George C. Nolan, Supt. of Meters, Mpls. Div.
Glen W. Nordvall, Budget Engr.
Orville C. Oberg, Sales Engineer
Marriam D. Olson, Supv. Engr.
Loyd L. Oman, Mgr. Rate Dept.
Howard G. Plalen, Senior Sales Engr.
Robert F. Pack, Chairman of Board
Harold E. Peckham, Gen'l. Supt. Gas Oper.
Donald C. Peterson, Supt. System Operations
Henning L. Peterson, Engr., St. Paul
Robert H. Peterson, Electrical Engr.
Howard L. Plahn, Sr., Sales Engr.
Herbert E. Rhoades, Administrator Personnel Development
Cortis N. Rice, Jr., Operations Controller
Bruce A. Richard, Travelling Distribution Engr.
Donald L. Robbins, Engr.
R. M. Ryan, Supt. Transmission and Distr.
Richard J. Shipway, Engr.
Charles E. Shortley, Distr. Engr.
Ed. C. Sickel, Operating Engineer
Robert E. Smith, Staff Engr.
Thomas G. Spargo, Asst. Sub. Engr.
Peter W. Spell, Mgr. Ind. Sales
James E. Stoddart, Gen. Sales Mgr.
Carl V. Strand, Dist. Supt., Mpls. Div.
Geo. W. Taylor, Research Engineer
John M. Thorson, Engineer
E. P. Tierney, Supv. Test Lab.
Lloyd E. Vesely, Engineer
Francis J. Vojta, Engr.
John Edward Wald, Operations Analyst
E. C. Ward, Nuclear Eng.
Edward R. Warren, St. Lighting Engr.
Leslie C. Weber, Engineer
Wm. C. Wegner, Traveling Dist. Eng.
Herbert R. Weyer, Staff Engineer
Earl L. Wick, Underground Operating Engr.
James F. Williams, Corr. Ch.
Edwin A. Willson, Mgr. Operations
Seth N. Witts, System Planning Engr.
Geo. Yanagita, Engr.

NORTHLAND ELECTRICAL SUPPLY CO.—523 So. 10th, Mpls. 4.....Fe. 2-4481
N. Kenneth Gullick, Vice President and Elec. Engineer

NORTHWEST BRASS & ALUMINUM FOUNDRY—725 Front St., St. Paul 17....Hu. 8-5506
J. David Johnson, Sales-Service Engineer

NORTHWEST SERVICE STA. EQUIPMENT CO.—2520 Nicollet Ave., Mpls. 4...Ta. 5-6802
Harry Andersen, Pres.

NORTHWESTERN BELL TELEPHONE CO.—214 So. 5th St., Mpls. 1.....Fe. 2-4112
Robert K. Abbott, Bldg. Engr.
Myles F. Aiken, Spec. Studies Engr.
Ernest G. Albrecht, Inductive Coordination Engineer
Lewis K. Anderson, Div. Exch. Mtce. Supv.
Garry W. Barritt, Engr.
John M. Beach, Building and Equipment Planning Engineer
Ray U. Bishop, Dial Eqpt. Engr.
Emmett F. Burke, Dist. Engineer
John W. Danielson, Engr.
James S. Dinwoodie, Jr., Dist. Supt.
James Forchtner, Acting Plant Ext. Engr.
W. Lloyd Graves, COE Supv.
Enan C. Johnson, Transmission Maintenance Engineer
Howard L. Johnson, Chief Switchman, Market St. Office, St. Paul
John A. Johnson, Engineer
J. Roy Jordan, Project Engineer (St. Paul)
Louis W. Kritzer, Project Engineer
Calvin J. Loos, Toll Term Eqpt. Engr.
Harry C. Manke, Jr.

Richard L. Nelson, Plant Superintendent, St. Paul
Vernon R. Norman, Project Engineer
John H. Olson, Engineer
Samuel O. Pace, Plant Ext. Engr.
Bob Rensch, Div. Engineer
Robert M. Sinks, Chief Engr.
August L. Untinen, Toll Plant Ext. Engineer

NORTHWESTERN BELL TELEPHONE CO.—303 Commerce Bldg., St. Paul 1..Ca. 1-5218
Vernon R. Norman, Proj. Eng.

NORTHWESTERN HEATING ENGR., INC.—970 Raymond Ave. No., St. P. 14..Mi. 6-4871
Ralph E. Brewer, Vice President

NORTHWESTERN NATIONAL BANK—620 Marquette Ave., Mpls. 2.....Fe. 2-0123
Ralph Scott, Asst. Div. of Ind. Div.

NORTHWESTERN POWER EQUIPMENT CO.—1951 University Ave., St. P. 14..Mi. 6-9675
L. W. Edelman, Sales Engr.
John I. Marquard, Owner

N. W. REFRACTORIES SUPPLY CO.—6524 Walker St., Mpls. 26.....We. 9-7805
Earl S. Hinners, V. P.

NOTT, W. S., CO.—201 N. 3rd St., Mpls.....Fe. 3-6501
Vernon E. Lindquist, V.P.

NYVALL & SON, INC., P. J.—930 Angelo Dr., Mpls. 22.....Ju. 8-3981
Clifford S. Nyvall, Owner

O

OHIO BRASS CO.—
Herbert A. Block, Dist. Mgr.

OIL BURNER SERVICE CO., Inc.—315 W. Lake St., Mpls. 8.....Ta. 3-7288
B. J. Newby, Gen. Manager

OLIVER MACHINERY CO.—8440 Quinn Ave. So., Mpls. 20.....Tu. 8-6511
Ray S. Gill, District Mgr.

OLSON MFG. CO., C. W.—1300 Quincy St. N. E., Mpls. 13.....Fe. 5-1145
Axel W. Nordquist, V.P.
Clifford M. Bircher, Sales Engineer

OLSON EQUIPMENT CO.—4411 Hiawatha Ave., Mpls. 6.....Pa. 9-8354
Wm. H. Hale, Vice President

ORR-SCHELEN, INC.—1104 Currie Ave., Mpls. 3.....Fe. 8-4706
Robt. A. Huston, Consulting Engr.
George M. Orr, Pres.

OSLUND & SON, D. L.—3545 Blaisdell Ave. S., Mpls. 8.....Ta. 2-3037
Daniel L. Oslund, Consulting Engr. Mech. & Electrical

OTIS ELEVATOR CO.—1608 3rd Ave. So., Mpls. 4.....Fe. 2-2505
Norman B. Nelson, Dist. Manager

P

PAKO CORP.—6300 Olson Memorial Highway.....Li. 5-3701
Edward H. Savela, Prod. Manager

PAPER CALMENSON & CO.—County Rd. B and Walnut St., St. Paul 8.....Mi. 6-9456
Hans O. Holtan, Engineer

PARKER SALES & ENGR. CO.—5804 W. 68th St., Mpls. 24.....We. 9-7325
Arthur P. Parker, Owner

PARTEN MACHINERY CO.—311 Portland Ave., Mpls. 15.....Fe. 2-5411
Carl D. Parten, V.P.

PATTERSON-SARGENT CO.—2295 Univ. Ave., St. Paul 14
Harry W. Lundquist, Mgr.

F. H. PEAVEY & CO.—760 Grain Exchange, Mpls. 15.....Fe. 3-0177
Paul H. Christensen, V.P.
Stephen G. Klingelhoet, Elect. Engr.

PERFEX CORP.—500 W. Oklahoma Ave., Milwaukee, Wis.
V. Robins Tate, Executive Vice President & Sec'y.

STUART R. PETERSON—Patent Attorney, 740 Rand Tower, Mpls. 2.....Fe. 5-3101

PFEIFER & SHULTZ—700 Wesley Temple, Mpls. 3.....Fe. 3-5564
Otto J. Jr. Pfeifer, Partner
Philip E. Fuller, Engineer
Frank D. Florentine, Elec. Engr.
Frank A. Morris, Engr.

Odin E. Olson, Elect. Engr.
Charles R. Podas, Consulting Engineer
Emmett O. Shultz, Consulting Engineer
B. W. Thompson, Design Engineer

PHELPS DODGE COPPER PRODUCTS CORP.—300 Park Ave., New York 22, N. Y. ..... Pl. 1-3200
Carl D. Dimity, Asst. Vice Pres.

PHILCO CORP.—800 Xenia Ave. So., Mpls. 16 ..... Li. 5-1416
Howard O. Vaars, Sales Repr.

THE PILLSBURY CO.—Pillsbury Bldg., Mpls. 2 ..... Fe. 3-4151
Tracy W. Barnes, Ass't. Dir. of Engineering
Karl F. Johnson, Project Eng.
Tibor A. Rozsa, Tech. Dir.
Herbert H. Stevens, Dir. of Engr.

PINKNEY & HINE CO.—1925 Nicollet Ave., Mpls. 3 ..... Fe. 8-0523
Robert W. Pinkney, Treas.

PIONEER ENGINEERING WORKS, INC.—3200 Como Ave. S. E., Mpls. 14 ..... Fe. 9-7511
Harold E. Rollin, Spec. Proj. Engr.

PIONEER POWER INC.—570 Hatch Ave., St. Paul ..... Hu. 8-5561
Allan N. Anderson, V. P.

PLANT EQUIPMENT CO.—607 Sexton Bldg., Mpls. 15 ..... Fe. 6-3122
Alden W. Carpenter

THE PLUM CO.—2295 Univ. Ave., St. Paul 4 ..... Mi. 6-7451
Don R. Plum, President

POCOCK, MERTON A.—3810 Edmond Blvd., Mpls. 6 ..... Pa. 4-1310
Merton A. Pocock, Mgrmt. Consul. Indust. Engr.

POLLOCK, PAPER CO.—Columbus, Ohio ..... Hi. 4-1137
Rolland V. Wass, Printing Engr.

PORTER, ARTHUR G., INC.—4371 Vernon Ave., Mpls. 24 ..... Wa. 6-4241
Arthur G. Porter, Pres.

POWER PROCESS EQUIPMENT, INC.—746 Bldrs. Exch., Mpls 2 ..... Fe. 2-8861
William O. Dichinson, Sales Eng.
George, George W., Pres.

POWER SERVICE CORP.—2110 Nicollet Ave., Mpls. 4 ..... Fe. 8-8623
W. Lyle Borst, Vice President
Ralph H. Bowman, Gen. Supt.
Medrick D. Forkey, Chief Mech. Engr.
Stanley F. Haedrich, Asst. Chief Engineer
John L. Hammerstrom, Mech. Eng.

Q

QUEBEC LITHIUM CORP.—Montreal, Canada
Walter M. Fenton

R

R. & O. ELEVATOR CO.—6045 Pillsbury Ave., Mpls. 19 ..... Ta. 7-2963
Hugo A. Hillstedt, President

RAMO-WOOLDRIDGE CORP.—Canoga Park, Calif.
Wm. D. McIlvaine, Ind. Rel.

RAPINWAX PAPER CO.—150 26th Ave. S. E., Mpls. 14 ..... Fe. 3-2353
Harold M. Netkow, Design Eng.

RAYMOND ENGINEERING SALES CO.—500 Normandale Court, Mpls. 24 .... We. 9-4991
R. X. Raymond, Owner

REFRIGERATION AND INDUS. SUPPLY CO., Inc.—610 S. 10th St., Mpls. 4 .... Fe. 2-8577
Frank R. Pond, President and Treasurer

REIF, CHAS. C.—2005 Rand Tower, Mpls. 2 ..... Fe. 3-7522
Chas. C. Reif, Patent Atty.

REINERTSEN, CO.—3940 W. 49½ St. So., Mpls. 24 ..... Wa. 2-1515
E. W. Reinertsen, Owner

RELIANCE ELECTRIC & ENGINEERING CO.—1600 E. Franklin Ave., Mpls. 4 .. Fe. 9-8531
Kenneth H. Seivers, Dist. Manager

REMINGTON RAND UNIVAC.—2750 West 7th Blvd., St. Paul ..... Mi. 8-2451
Frederick G. Adams, Mech. Engr.

REMINGTON RAND, UNIVAC DIV.—640 No. Prior, St. Paul ..... Mi. 5-8511
George N. Anderson, Egr.
Robert C. Price, Elect. Engr.

R—Continued

REMPFER, E. E., & ASSOC.—215 6th St. S. E., Mpls. 14.....Fe. 6-4616
David F. Carson

MAX RENNER WELL CO., INC.—4806 W. Lake St., Mpls. 16.....Wa. 2-4210
Max Renner

REPUBLIC POWDERED METALS—2101 Drew Ave. S., Mpls. 16.....Wa. 6-6944
Richard L. Tepley, Dist. Repres.

RESERVE MINING CO.—Silver Bay, Minn.
Edward W. Davis, Consultant

RICHARDS CHEMICAL CO.—715 Park Ave., Mpls. 15.....Fe. 3-5831
Parke D. Robinson, Sales Engineer

RICHARDSON, H. M., CO.—9 E. 22nd St., Mpls. 4.....Fe. 6-4078
Robert R. Weden, Sales Eng.

RIEDNER & ASSOCIATES, INC.—6005 Wayzata Blvd., Mpls. 16.....Li. 5-7272
William E. Riedner, Pres.

RITCHIE ENGINEERING CO.—2910 Lyndale Ave. S., Mpls. 8.....Ta. 7-2517
John R. Ritchie, Jr., Pres.
John H. Kiner, Sales Engineer

RIVERSIDE ARCHITECTURAL METAL CO.—Davenport, Iowa
Robert D. Borne, President

ROADERICK EQUIP. CO.—7844 Fremont Ave. So., Mpls. 20.....Un. 6-8423
M. S. Roaderick, Pres.

ROCHE, T. E.—603 Sexton Bldg., Mpls. 15.....Fe. 3-7611
T. E. Roche, Consl. Elect. Engr., Owner

ROCHESTER MATERIAL CO.—Box 386, Rochester.....At. 9-3391
Thomas M. Ostien

ROCKWELL MFG. CO.—122 S. Michigan Ave., Chicago 3, Ill.....Ha. 7-7821
Thomas M. Patton, Sales Engr.

ROCKWOOD SPRINKLER CO.—2814 Dupont Ave. S., Mpls. 8.....Ta. 7-3801
James D. Curry, Engineer
Chester F. Svenson, Dist. Mgr.

ROGERS CO., H. A.—817 Marquette Ave., Mpls. 2.....Fe. 8-7655
Dale W. Brown, Vice Pres.
Myles B. Gow, Executive Vice President

ROPER, GEO. D. CO.—4905 Stevens Ave. S., Mpls. 9.....Ta. 4-5260
Lloyd C. Stearns, Sales Mgr.

ROPER HYDRAULICS, INC.—6112 Ewing Ave. So., Mpls. 10.....Wa. 6-4233
Lloyd C. Stearns, Sales Mgr.

ROSCO MFGR. CO.—3118 Snelling Ave. So., Mpls. 6.....Pa. 2-9595
John A. Miller, Chairman of the Board

ROSENDAHL CONSTRUCTION CO.—5330 Washburn Ave. S., Mpls. 10.....Wa. 2-2722
Harold R. Rosendahl, Pres.

RURAL COOP. POWER ASS'N.—Elk River, Minn.....Phone 317
Elden J. Welch, Mgr. Nuclear Power Dept.

S

SALES ENGINEERS, THE—6524 Walker St., Mpls. 26.....We. 9-7803
Bruce F. McLouth, Partner

ST. PAUL BAR & RESTAURANT EQUIP. CO.—655 Payne Ave., St. Paul.....Ca. 2-6339
Jason P. Bass, Mgr. Contract Dept.

ST. PAUL FOUNDRY & MFG. CO.—500 Como Ave., St. Paul.....Hu. 8-2501
Robert H. Hewitt, Sales Engr.
Don R. Loper, Salesman

ST. PAUL STRUCTURAL STEEL CO.—162 York Ave., St. Paul 1.....Ca. 2-1767
Gilbert O. Holm, Sales Engineer

SANGAMO ELECTRIC CO.—4950 Excelsior Blvd., Mpls. 16.....Wa. 6-9800
Clarence A. Loveless, District Manager

SANITARY FARM DAIRIES, INC.—415 Grove St., St. Paul 1.....Ca. 4-4991
Robert B. Mirick, V.P.

SAUNDERS, R. C., SALES CO.—715 Kenwood Pkwy., Mpls. 5.....Fr. 7-6392
Roger C. Saunders, Mfrs. Rep.

SAXON RENTAL SERVICE—3252 Minnehaha Ave., Mpls. 6.....Pa. 2-9030
Paul M. Saxon, Owner

SCHISLER SUPPLY CO.—324 No. 1st., Mpls. 1.....Fe. 3-1281
Paul M. Schisler, Owner

SCHOELL & MADSON—2629 Louisiana Ave., Mpls. 26.....We. 9-0444
William D. Schoell, Partner

SCHOTT, OSCAR A., CO.—500 11th Ave. S., Mpls. 4.....Fe. 2-8971
Oscar A. Schott, Pres.

SCOTT WHITNAH CON. ENG., INC.—603 2nd Ave. S., Mpls. 2.....Fe. 8-3711
Scott Whitnah, Consl. Engr.

SEAGRAVE CORP.—Columbus, Ohio
Sanford Herberg, Factory Representative

SEALTITE CO.—4612 Oak Dr., Mpls. 24.....Wa. 2-0572
John A. Griffith

SETTER, LEACH & LINDSTROM INC.—133 Foshay Tower, Mpls. 2.....Fe. 8-8741
Donald W. Mark, Chief of Supervision
Dale V. Evans, Asst. Chief Elec. Engr.
Harry G. Sierk, Ch. M. E.
James A. Lang, Elec. Engr.
Harry G. Sierk, Mechanical Engr.
Harry L. Wilson, Prin. Engr.

SEVEY, HOYT A.—1525 So. 5th St., Mpls. 4.....Fe. 3-4913
Hoyt A. Sevey, Owner
Robert H. Sevey, Sales Engr.

SHANK POWER PRODUCTS CO.—1821 University, St. Paul 4.....Mi. 5-5154
John M. Shank, Pres.

SHELL OIL CO.—100 No. 7th St., Mpls. 3.....Fe. 5-6711
Ira B. Hart, Div. Engr.

J. L. SHIELY CO.—1101 No. Snelling, St. Paul 13.....Mi. 6-8601
Paul Beinhorn, Vice Pres.

SHIFFLET, BACKSTROM, HUTCHINSON & DICKEY, INC.—17. W. Franklin Ave., Mpls. 4.....Fe. 9-5808
Glynn W. Shifflet, Pres.

SKARNES ENGINEERING & SUPPLY, INC.—2907 E. Franklin Ave., Mpls. 6...Fe. 9-2719
R. F. Skarnes, President
John A. Kilby, Sales Engr.

SKELLY OIL CO.—1717 University Ave., St. Paul 4.....Mi. 6-2551
Walter E. Duckett, Jr., Sales Engr.
Clay W. Prewett, Sales Engr.

SMALL BUSINESS ADMINISTRATION—603 Lewis Bldg., Mpls. 2.....Fe. 2-3211
Paul H. Hake, Prod, Spec.

SMITH, SHARPE CO.—117 27th Ave. S. E., Mpls. 14.....Fr. 1-1345
Donald C. Sharpe, President

SOO LINE RY.—(M. St. P. & Sault St. Marie Ry.), Soo Line Bldg., Mpls. 2.....Fe. 2-1261
A. Donald Alderson, Asst. to Chief Engr.
Thomas R. Klingel, Engineer
Arthur S. Krefting, Asst. Chief Engineer, Bridges & Structures
Raymond C. Postels, Engr. Maint. of Way

SPENCER AIR CONDITIONING CO.—807 13th Ave. So., Mpls. 4.....Fe. 3-2518
J. Boyd Spencer, President

SQUARE D CO.—2025 Nicollet Ave., Mpls. 4.....Fe. 5-8723
James F. Dirth, Field Engineer
John E. Gemlo, District Manager

STAHR CO., INC.—2809 Wayzata Blvd., Mpls. 5.....Fr. 4-3350
Roger B. Stahr, Pres.

STANDARD CONST. CO. INC.—212 So. 6th St., Mpls. 2.....Fe. 8-7061
Richard Ward, Estimator

STANDARD OIL CO.—2800 Wayzata Blvd., Mpls. 5.....Fr. 4-4312
R. E. Bergford, Staff Engineer, Asphalt and Road Oil
Robert Hawes, Railway Sales, Chicago, Ill.

STANFORD RESEARCH INSTITUTE—333 Ravenswood, Menlo Park, Calif.....Da. 6-6200
Donald B. Harris, Sr. Exec. Engr.

STANG, JOHN W., CORP.—8018 Miracle Mile Sta., Mpls. 16
Howard J. Hoody, Engr.

STANLEY IRON WORKS—3717 Minnehaha Ave., Mpls. 6.....Pa. 2-6647
Harold S. Langland, Secretary and Treasurer
Chas. C. Stanley, Vice Pres.

STONE, CHAS. W., CO.—1914 LaSalle Ave., Mpls. 3.....Fe. 9-0611
Chas. W. Stone, Pres.

S—Continued

STRATTON, THOMAS A.—420 Burntside Drv., Mpls. 22.....Fr. 4-3291
Thomas A. Stratton, Technical & Engineering Consultant

STRONG-SCOTT MFG. CO.—451 Taft St., Mpls. 13.....St. 1-7461
William B. Burnet, Dir. of Eng.

SUBURBAN READY MIX—3270 Gorham Ave., Mpls. 26.....We. 9-0415
Carl V. Carlson, Pres.

SUPER VALUE STORES, INC.—101 Jefferson Ave., Hopkins.....We. 8-3561
Raymond M. Winslow, V. P.

SUPERIOR SEPARATING CO.—121 Washington Ave. So., Hopkins, Minn.....We. 8-7651
Max A. Butterfield, Dir. Mfg.

SYLVANIA ELECTRIC PRODUCTS CO.—711 W. Lake St., Mpls. 8.....Ta. 7-2818
Duane A. Little, Dist. Engr.

SYNTRON, MPLS. SALES CO.—2514 University Ave. S. E., Mpls. 14.....Fr. 1-2269
Don Pollock, V. P. & Genl. Mgr.

T

TELEX INC.—1633 N. Eustis, St. Paul 1.....Mi. 6-7211
Robert L. Sell, Director Sales & Engr.

TENNANT CO., G. H.—701 N. Lilac Dr., Mpls. 22.....Li. 5-3771
Peter Johnson, Jr., Manager, Tech. Services
Andreas Luksch, Chief Research Engineer

TERMINAL ELEC. CO.—1201 So. 3rd St., Mpls. 15.....Fe. 9-4891
Otto R. Woodward, President
K. E. Younger, Oper. Mgr.

TEXACO, INC.—1730 Clifton Ave., Mpls. 3.....Fe. 2-8486
Donald L. Heimes, Asst. Div. Sales Mgr.

THERMO KING CORP.—314 W. 90th St., Mpls. 20, Bloomington.....Tu. 1-2601
Leonard L. Willis, Chief Engr.

THORSHOV & CERNY, INC.—300 First Nat'l. Bank Concourse, Mpls. 2.....Fe. 9-8371
Kenneth R. Whitehead, V. P.

TIMESAVERS INC.—5270 Hanson Court, Mpls. 22.....Ke. 7-8469
Gordon L. Schuster, Pres.

TOLTZ, KING, DUVALL, ANDERSON & ASSOCIATES, INC.—1408 Pioneer Bldg. St. Paul 1.....Ca. 4-7891
Otto E. Brownell, San. Eng.
William T. Sheridan, Electrical Engineer

TOWNSEND CO.—4553 42½ Ave. No. .....Ke. 7-6137
Don C. Forrey, Sales Engineer

TREMCO CO.—739 Pillsbury Ave., St. Paul 4.....Mi. 6-2831
Stanley C. Hunter, Maintenance Counselor

TRI-STATE DRILLING CO.—Hwy. 55 West, Wayzata.....Fr. 7-4740
Robert R. Melcher, Secy.-Treas.

TRUSCON STEEL CO., Div. Republic Steel—326 Longyear Bldg.....Fe. 2-5537
Richard T. Nist, Dist. Sales Mgr

TURNER, HARLEY CO.—3304 Ewing Ave. S., Mpls. 22.....Ju. 8-1669
Harley Turner, Owner

TURNERS, INC.—1143 So. Shore Drive, Mpls. 22.....Li. 5-8235
J. F. Turner, Pres.

TWIN CITY STEEL TREATING CO.—1114 3rd St. So., Mpls. 15.....Fe. 2-4849
Wm. I. Sweet, President

TWIN CITY TEST. & ENGR. LAB.—2440 Franklin Ave., St. P. 14.....Mi. 6-4074
C. W. Britzius, Pres.

TWIN CITIES ARSENAL—New Brighton, Minn.....Mi. 6-7681
J. Francis Turner, Purchasing Agent

U

ULTEIG ENGINEERING CORP.—1114½ Front St., Fargo, No. Dak.
Charles W. Randall, Chief Electric Engineer

UNITED ENGINEERING SERVICE—2524 Henn. Ave., Mpls. 5.....Fr. 7-8069
Wendell W. Cutcliffe, Owner

U. S. Air Force—2908 Colfax Ave. So., Mpls. 8.....Fe. 9-3612
Harold W. Clemons, Ind. Plan. Sec.
Walter B. Holmberg, Industrial Specialist

Navy Dept.—Bureau of Yards & Docks, Washington, D. C.
Harry K. Lowry

Small Business Adm.—301 Metro Bldg., Mpls. 1.....Fe. 2-3244
Paul H. Hake

U. S. Indian Service—2908 Colfax Ave. So., Mpls. 8.....Fe. 9-3612
Walter B. Holmberg, Ind. Spec.

U. S. POST OFFICE DEPT.—5236 Post Office Bldg., Washington 25, D. C.....St. 3-3100
Max A. Butterfield, Chief Research Div.

U. S. STEEL CORP.—2545 University Ave., St. P. 14.....Mi. 6-7311
Wm. C. Faust, Mgr. Rebar Dept.
Charles A. Wilson, Sales Engr.

U. S. STEEL CORP., American Bridge Div.—629 2nd St. N. E., Mpls. 14.....Fe. 3-4358
Frank M. Highly

UNIVERSAL ATLAS CEMENT CO.—2020 Rand Tower, Mpls. 2.....Fe. 3-0324
Edward F. Young, Techn. Service Manager

UNIVERSITY OF ARIZONA—Tucson, Ariz.
Maurice B. Lagaard, Assoc. Prof.

UNIVERSITY OF CALIFORNIA—Berkeley, California
A. J. Carlson, Prof. of Petroleum Eng.

UNIVERSITY OF MINNESOTA—Mpls. 14.....Fe. 2-8158
John D. Akerman, Prof. and Head of Dept. Aero. Engr.
Axel B. Algren, Prof. Mech. Eng.
Norman H. Ceaglske, Prof. of Chemical Engineering
Henry C. T. Eggers, Prof. Emeritus, Institute of Technology
Henry E. Hartig, Prof. & Head Electr. Engr. Dept.
Thomas L. Joseph, Prof. of Metallurgy
John H. Kuhlmann, Prof. of Elec. Design
Washington D. Lacsbanne, Assoc. Prof., School of Mines Petroleum Engr.
Clarence E. Lund, Prof. Mech. Engr.
O. Jerome Nelson, Sr. Engr.
James J. Ryan, Prof. Mech. Engr. Dept.
Arthur J. Schwantes, Head Dept. Agr. Engr.
Lorenz G. Straub, Dir. Hydr. Lab. & Hd. of Civil Engr.
Robert Edward Summers, Dean of Admissions & Records and Prof. of Mech. Engr
Henry H. Wade, Dir. Mines Exp. Sta.
Leslie L. Wood, Assistant Supervising Engineer

V

VAN BERGEN & MARKSON—3381 Gorham Ave., Mpls. 26.....We. 9-4626
Paul A. Markson, Partner
R. M. Van Bergen

VETERANS ADMINISTRATION—Bldg. 230, Fort Snelling, Mpls. 11.....Pa. 1-2955
Orville P. Clarke, Chief Engr. Div.

VETERANS ADMIN. HOSPITAL—54th St. & 48th Ave., Mpls.....Pa. 1-2955
Roland R. Hill, Asst. Chief Engr.
J. Glen Shanholtzer, Safety Engr.

VICKERS, INC.—821 Marquette Ave., Mpls. 2.....Fe. 6-5646
Robert P. Borden, Application Engineer

VIKING AUTOMATIC SPRINKLER CO.—325 Roosevelt St. N. E., Mpls. 13.....St. 1-9527
Paul J. Johnson, Vice-Pres.

VINCENT BRASS & ALUMINUM CO.—124 12th Ave. S., Mpls. 15.....Fe. 9-7061
Robert L. Vincent, General Manager

VITRO LABORATORIES—Silver Springs, Md.
Owen E. Cunningham

VOLKENANTS APPLIANCES, INC.—1119 W. Broadway, Mpls. 11.....Ja. 2-3663
Gordon W. Volkenant, Owner

W

WABASH SCREEN DOOR CO.—2222 Elm St. S. E., Mpls. 14.....Fr. 1-1843
Donald W. Grotey, Engineer

WADE CO., GEORGE H.—5152 Belmont Ave., Mpls. 19.....Ta. 2-0290
George H. Wade, Mfg. Agent

WAGNER ELECTRIC MFG. CORP.—3000 Univ. Ave. S. E., Mpls. 14.....Fe. 8-5847
William H. Gilster, Branch Manager
Leonard D. Morgan, Field Engr.

W—Continued

WALCO INC.—2710 Nicollet Ave., Mpls. 8.....Ta. 7-4746
C. Walter Swanberg, Vice Pres. and Gen. Mgr.

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Sincerely,

The Roster Committee.

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Abbreviations

A

ACCT.—Accounting, (ant)
ADMN.—Administration
AERO—Aeronautical
AGR.—Agriculture, (al)
APPL.—Application, (ant)
APT.—Apartment
ARCH.—Architect, (ural)
ASSN.—Association
ASSO.—Associate, (d)
ASST.—Assistant
AVE.—Avenue

B

BD.—Board
BK.—Bank
BLDG.—Building, (s)
BLDR.—Builder, (s)
BLVD.—Boulevard
BR.—Branch
BROS.—Brothers

C

CEM.—Cement
CHEM.—Chemical
CHF.—Chief
CHM.—Chairman
CL. HTS.—Columbia Heights
CNSL.—Consulting, (ant)
CNTR.—Control, (s)
CNTY.—County
CO.—Company
COLL.—College
COMM.—Committee
COMN.—Commission
CONS.—Construction, (or), (ing)
CONT.—Contractor, (ing)
COOP.—Co-operative, (on)
COOR.—Coordination, (ing), (or)
CORP.—Corporation
COUN.—Council

D

DEPT.—Department
DEVL.—Development, (ing)
DIR.—Director
DIST.—District
DIV.—Division
DR.—Doctor
DRAF.—Draftsman
DRV.—Drive, (way)
DSGN.—Design, (ing)
DSTR.—Distribution, (ing)
DUL.—Duluth

E

ENGR.—Engineer, (ing)
EXEC.—Executive
ELEC.—Electrical, (cian)
ELEV.—Elevator, (s)
E.—East
EXT.—Extension
EDU.—Education
EXCH.—Exchange
EDW.—Edward
EQPT.—Equipment
EXP.—Experiment, (al)
EXPD.—Expediter , (ing)

F

FED.—Federation
FORE.—Foreman
FNDR.—Foundary

G

GEO.—George
GOVT.—Government
GN. VY.—Golden Valley
GENR.—Generation
GENL.—General

H

HD.—Head
HOP.—Hopkins
HDQ.—Headquarters
HENN.—Hennepin
HWY.—Highway
HDWE.—Hardware
HYDR.—Hydraulics

I

IND.—Industrial
INC.—Incorporated
INSP.—Inspector, (ion)

J

JR.—Junior

L

LUBR.—Lubrication, (ing)
LAB.—Laboratory, (ies)
LTG.—Lighting

M

MAT.—Materials
MACH.—Machine, (ist)
MAIN.—Maintenance
MCHY.—Machinery
MECH.—Mechanical
MEM.—Member
METH.—Methods
MFG.—Manufacturing, (er), (ed)
MGR.—Manager
MILW.—Milwaukee
MINN.—Minnesota
MPLS.—Minneapolis, Minn.
MORN.—Morningside

N

N—North

O

OPER.—Operator, (ion), (s)
OWN.—Owner

P

PLAN.—Planning
PROC.—Processes, (es)
PROJ.—Project
PROD.—Products
PRDN.—Production
PRTN.—Partner
PRES.—President
PROF.—Professor
PROG.—Program
PUBL.—Publicity
PUBN.—Publication
PRCH.—Purchaser, (ing)
PKWY.—Parkway

R

RESR.—Research
REP.—Representative
R—Reg. Engr. or Arch. in Minn.
REG.—Regulator
R.R.—Railroad
RWY.—Railway
RM.—Room
RICH.—Richfield
RIV.—River
RD.—Road
RDWY.—Roadway
RTE.—Route
ROBB.—Robbinsdale, Minn.
ROBT.—Robert

S

SPEC.—Specification
ST. A.P.—St. Anthony Park
STA.—Station
SERV.—Service, (s)
SBST.—Substation
S.—South
ST.—Street
ST. P.—St. Paul, Minn.
ST. L.P.—St. Louis Park
SECY.—Secretary
SECT.—Section
SOC.—Societies
SUB.—Suburban
SR.—Senior
SUPT.—Superintendent
SUPV.—Supervisor

T

TR. HL.—Tyrol Hills
TEL.—Telephone or Telegraph, (m)
TRNP.—Transportation
TRNS.—Transmission
TRN.—Training
TECH.—Technical, (cian)
TRAV.—Travel, (ing)
TREAS.—Treasurer

U

UNIV.—University
U of M—University of Minn.

V

V.P.—Vice President
VAL.—Valuation, (ing)

W

WM.—William
W.—West
American Tel. & Tel. Co.
Electric Machinery Mfg. Co.
Mpls.-Honeywell Reg. Co.
Mountain States Tel. & Tel. Co.
Mpls.Gas Co.
Northern States Power Co.
Northwestern Bell Tel. Co.
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